

19980219.qrp v01_n006.qrs.980219

Date: Thu, 19 Feb 1998 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1006

QRP-L Digest 1006

Topics covered in this issue include:

- 1) [4221] Re: "Power Station" gel-cells
by "Robert P. Okas" <vintage@best.com>
- 2) [4222] Re: SG-2020 update
by Jim Parsons <k5rov@worldnet.att.net>
- 3) [4223] Re: RS Freq Counter - Help Please
by kv7g@juno.com
- 4) [4224] Re: Important Dayton Info
by Paul Harden <pharden@aoc.nrao.edu>
- 5) [4225] 20m CENTENNIAL Xcvt -Low RF Out
by Wm&Penny Kresl <kresl@elknet.net>
- 6) [4226] Re: [TenTec] T-T Scout
by "dave R /kc1di" <elim@ime.net>
- 7) [4227] Re: CW Advice Wanted
by wa8rxi@juno.com (Rick Arzadon)
- 8) [4228] Re: folk lore
by wa8rxi@juno.com (Rick Arzadon)
- 9) [4229] N/T+ Fox Results for 2/18/98
by Shepherd@aol.com
- 10) [4230] Re: FOX K8VZU
by Shepherd@aol.com
- 11) [4231] Re: FOX: W5FN Preliminary Results
by N9DD@aol.com
- 12) [4232] Re: Tnx for N/T+ pelt tonite!
by Shepherd@aol.com
- 13) [4233] Re: Cool Down Please
by Clay <wyn@worldnet.att.net>
- 14) [4234] Re: Cool Down Please
by Clay <wyn@worldnet.att.net>
- 15) [4235] Re: CW Advice Wanted
by wa8rxi@juno.com (Rick Arzadon)
- 16) [4236] Re: Digi 'stuff'
by Clay <wyn@worldnet.att.net>
- 17) [4237] The smell of Fox blood
by Shepherd@aol.com
- 18) [4238] Spring 1997 SPRAT
by WU0L@aol.com
- 19) [4239] FS: FT-301D

- by k7sz@juno.com
- 20) [4240] Re: RTTY
by Clay <wyn@worldnet.att.net>
- 21) [4241] Re: Digi 'stuff'
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 22) [4242] Re: SG-2020 update
by Phil Rutledge <rut@mcrut.mv.com>
- 23) [4243] HW-7,8 & 9 Cross-Reference ?
by Conrad <radman@best.com>
- 24) [4244] Re: Pixie2 Problem
by "John J. McDonough" <jjmcd@mdn.net>
- 25) [4245] Re: folk lore
by Hank Kohl K8DD <k8dd@contesting.com>
- 26) [4246] Looking for 9M0C end up working BD4ED on 40m qrp (kinda long)
by Danh Le <dql@slip.net>
- 27) [4247] WTB: Easy PIC'n or other Intro. PIC Book
by astone@erols.com
- 28) [4248] Re: Digi 'stuff'
by Clay <wyn@worldnet.att.net>
- 29) [4249] old tubes
by Mark Kesner <marklori@visuallink.com>
- 30) [4250] CW Prosigns (Brief); No N6WG Contact :-(
by kb9iua@juno.com (Kevin L Anderson)
- 31) [4251] Re: RS Freq Counter - Help Please
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 32) [4252] 40mtr vertical dipole
by jdenison@morelr.com (JOEL DENISON)
- 33) [4253] Elmer101: DVM Internal Resistance
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 34) [4254] HW-9 Parts.
by LAYTON FULTON - VE1MT <l.fulton@ns.sympatico.ca>
- 35) [4255] Re: Important Dayton Info
by Tim Ahrens <tahrens@inetport.com>
- 36) [4256] Re: TechAmerica Sales -- Anyone?
by Tom Bowman <tbowman@nbn.net>
- 37) [4257] Re: Cool Down Please
by Vic Rosenthal <rakefet@rakefet.com>
- 38) [4258] Re: "Power Station" gel-cells
by Tim Ahrens <tahrens@inetport.com>
- 39) [4259] Sub Arctic 2 Fox Alert
by amarriot@Direct.CA (Albert Daniel Marriott)
- 40) [4260] Fiber Optics - QRP
by K0su@kktv.com
- 41) [4261] Re: 1000 miles per watt
by GERALDCUND@aol.com
- 42) [4262] Re: folk lore
by Monte Stark <ku7y@sage.dri.edu>
- 43) [4263] Re: T-T Scout

- by GERALDCUND@aol.com
- 44) [4264] Re: sloppy code.
by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
- 45) [4265] 2-Meter Hand-Held Radio (Wanted!)
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 46) [4266] Re: The NorCal Version of the Herring Aid 5 LIVES!!
by DYARNES@aol.com
- 47) [4267] AEA DIGITALKER? Wanta Part with one?
by Mike Duke <K5xu@cris.com>
- 48) [4268] counter
by "Wayne Barnhart" <wb7whi@triax.com>
- 49) [4269] Re: Cool Down Please
by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
- 50) [4270] Re: 2-Meter Hand-Held Radio (Wanted!)
by GERALDCUND@aol.com
- 51) [4271] Re: 2-Meter Hand-Held Radio (Wanted!)
by GERALDCUND@aol.com
- 52) [4272] 38S Finished
by rong@slip.net
- 53) [4273] New Info.on EleCraft Web Page
by "Eric Swartz, WA6HHQ - EleCraft" <erics@elecraft.com>
- 54) [4274] Re: Cool Down Please
by Dave Sjolin <sjolin@swbell.net>
- 55) [4275] Re: counter
by Dave Sjolin <sjolin@swbell.net>
- 56) [4276] pile-up
by "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
- 57) [4277] Split operation on the Sierra and EleCraft K2
by "Eric Swartz, WA6HHQ - EleCraft" <erics@elecraft.com>
- 58) [4278] Help please with the Kenwood TS50
by Wayne Dillon <w.dillon@ic.ac.uk>
- 59) [4279] See you all at the convention...
by Richard Powell <ripowell@mpna.com>
- 60) [4280] Re: CW Advice Wanted
by KB9RPD@aol.com
- 61) [4281] Re: GQRP - Solar Panel Output Regualtion
by LYN WILLIAMS <designserv@ipass.net>
- 62) [4282] Re: Radio Shack Freq Counter - Help Please
by Jeff Grudin <grudin@pacific.vdbs.com>
- 63) [4283] Re: GQRP - Solar Panel Output Regualtion
by Jim <kj5tf@mctc.com>
- 64) [4284] Re: Floating Verticals and sloppy code.
by Bcieslak@ra.rockwell.com
- 65) [4285] NN1G RF Probe Parts
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 66) [4286] Re: Floating Verticals and sloppy code.
by K5BDZ@aol.com
- 67) [4287] Re: FS: Timewave DSP-59

by K5BDZ@aol.com

68) [4288] Re: pile-up & Dual VFO s
by "Walter Dufrain" <walter@inlink.com>

69) [4289] SGC 2020 algebra
by "Jeff M. Gold" <JGold@tntech.edu>

70) [4290] RE: RF Probe Questions -- Elmer101
by "Jim Apple" <jma@eps.inso.com>

71) [4291] Re: New Info.on EleCraft Web Page
by "Eric Swartz, WA6HHQ EleCraft" <erics@elecraft.com>

72) [4292] Re: 40mtr vertical dipole
by "Walter Dufrain" <walter@inlink.com>

73) [4293] Re: SGC 2020 algebra
by Phil Rutledge <rut@mcrut.mv.com>

74) [4294] Re: Elmer101: DVM Internal Resistance
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>

75) [4295] 9M0C, offsets, fear of success (long and rambling)
by "Michael A. Gipe" <mgipe@reliablemeters.com>

76) [4296] Palmtops - anyone use an Insta Tech PTV-30 ??
by John Evans - N0HJ <jaevans@codenet.net>

77) [4297] Re: Fiber Optics - QRP
by "S. Lee" <slee@u.washington.edu>

78) [4298] Re: HW-7,8 & 9 Cross-Reference ?
by gsurrency@juno.com (Gary L Surrency)

79) [4299] Re: Digi 'stuff'
by gregoire@endor.com

80) [4300] Hamfest Announcement
by "Karty, Steven" <kartys@ncs.gov>

81) [4301] Re: Fiber Optics - QRP
by KB9RPD@aol.com

82) [4302] Binocular toroids, CQC QSO party
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>

83) [4303] Re: CW Advice Wanted
by "Michael A. Gipe" <mgipe@reliablemeters.com>

84) [4304] Binocular toroids, CQC QSO party
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>

85) [4305] WTS(wap): summary of debris to swap, can meet at Dalton GA fest on
28th
by "Bob Duckworth" <wb4mnf@atl.org>

86) [4306] Elmer101: DVM Internal Resistance
by Dale Scott <dcscott@us.ibm.com>

87) [4307] Ron Smith in Idaho
by Monte Stark <ku7y@sage.dri.edu>

88) [4308] Re: 9M0C, offsets, fear of success (long and rambling)
by "ALAN KAUL" <alan.kaul@worldnet.att.net>

89) [4309] RE: RF Probe Questions -- Elmer101
by Steven Weber <kd1jv@moose.ncia.net>

90) [4310] RF Probe construction
by Steven Weber <kd1jv@moose.ncia.net>

- 91) [4311] Re: Elmer101: DVM Internal Resistance
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 92) [4312] Re: 2M or 6M QRP, which one?
by "Frank A. West" <ke6vbm@earthlink.net>
- 93) [4313] Build the Antennascope
by Ed Loranger <we6w@qsl.net>
- 94) [4314] Re: Build the Antennascope
by Ed Loranger <we6w@qsl.net>
- 95) [4315] Re: Digi 'stuff'
by Roger Hightower <n7kt@earthlink.net>
- 96) [4316] fox hunting
by Bruce Rattray <rattray@gpfn.sk.ca>
- 97) [4317] Arctic Fox II final reminder
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 98) [4318] Re: Digi 'stuff'
by LYN WILLIAMS <designserv@ipass.net>
- 99) [4319] Rejuvenating old lead acid & Nicads
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 100) [4320] Re: Digi 'stuff'
by Monte Stark <ku7y@sage.dri.edu>
- 101) [4321] Re: fox hunting
by Vic Rosenthal <rakefet@rakefet.com>
- 102) [4322] NW8040-Emtech version for sale
by "Jeff M. Gold" <JGold@ntech.edu>
- 103) [4323] Re: fox hunting
by Monte Stark <ku7y@sage.dri.edu>
- 104) [4324] Re: New Info.on EleCraft Web Page
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 105) [4325] Band Plan
by "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
- 106) [4326] Re: Band Plan
by Laura Halliday <ve7ldh@direct.ca>
- 107) [4327] Re: Digi 'stuff'
by kv7g@juno.com
- 108) [4328] [Fwd: J44 Key]
by Bill Schiller <schiller@cherokee.nsuok.edu>
- 109) [4329] PCs & QRP RIGS
by Bill Jones <kd7s@psnw.com>
- 110) [4330] Re: Band Plans
by Roger Hightower <n7kt@earthlink.net>
- 111) [4331] Re: PCs & QRP RIGS
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 112) [4332] CQC QSO Party K0FRP
by AlK0FRP@aol.com
- 113) [4333] another sst (40) lives
by dave_epps@juno.com
- 114) [4334] Re: Band Plans
by "Ray Lowe" <wd5dhk@hotmail.com>

Date: Wed, 18 Feb 1998 16:01:13 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4221] Re: "Power Station" gel-cells
Message-ID: <Pine.BSF.3.96.980218154729.25002A-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike,

Thanks for the encouraging prognosis. My charging/rejuvenation setup was this: generic 14V, 800 mA wall wart in series with a 24V, ~100mA lamp. The supply puts out more like 19V no-load. My concern was that the high voltage across the high-resistance cell would damage it. Each cell responded within 5 minutes and the lamp began to glow. Looks like this was exactly what was need to 'wake it up.'

73,
Bob - W3CD

Date: Wed, 18 Feb 1998 18:07:45 -0600
From: Jim Parsons <k5rov@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [4222] Re: SG-2020 update
Message-ID: <3.0.5.32.19980218180745.007c6210@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

How long have they been saying that same thing?

At 06:46 PM 2/18/98 EST, AC6JA@aol.com wrote:

>spoke with SGC today and they said that the first rigs ordered will ship in
>two to six weeks, and that new orders now backlogged will ship after that.
>hopefully they'll update their webpage soon! hopefully the new rig will be
>worth the wait!

>
>Mike AC6JA
>

>

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Wed, 18 Feb 1998 16:36:52 -0700
From: kv7g@juno.com
To: radman@best.com
Cc: qrp-1@Lehigh.EDU
Subject: [4223] Re: RS Freq Counter - Help Please
Message-ID: <19980218.163652.3342.1.kv7g@juno.com>

I would say that in most cases this is normal, I have owned at least a dozen counters and still have 3, they all count at random with no input. As long as it reads the proper frequency when picking up a signal of at least the minimum strength stated in you R/S manual i would not be concerned about it.

Bud - KV7G - Yuma, AZ

On Wed, 18 Feb 1998 00:12:52 -0800 Conrad <radman@best.com> writes:
>With it connected to nothing, and no transmitted signal, it reads
>~50MHz
>in the <50 position and ~175 in the >50 position. It has done this in
>three different houses in two different cities. My Kenwood freq
>counter
>reads zero under the same circumstance. Is there some explanation for
>this?
>
>*****
>

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Date: Wed, 18 Feb 1998 17:29:54 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4224] Re: Important Dayton Info
Message-ID: <Pine.SOL.3.91.980218170301.14391C-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Doug - your QRP-L server down or something? Sounds like you're going thru QRP-L detox or something. Will answer the questions.

On Tue, 17 Feb 1998 ki6ds@dpol.k12.ca.us wrote:

> What was the weather in Dayton like today?

Before or after the Iraqi/Sadaam news conference at Ohio State?

> What will it be like in May during the Hamvention????

Does it matter? El Nino will get blamed for it no matter what it is.

> It has 4 toroids that need to be held down. Any suggestions?

Stack all four and use a c-clamp.

> Where has Nils been?

Is this his week out of the home?

> Now, how do I HTML this?????

Just put " \\HTML\\font-1\\color-0\\&spspsp\\HTML>>>"
in front of every word.

> What's the next QRP contest?

April 15th. See what small amount you can get away with.

> When will Jeff Gold post another rig for sale?

When he gets his Tuna Tin 2 done.

> Did anybody really FTBO in the FYBO contest?

Back to that El Nino thing again, huh?

> Where was K5F0 for the past 2 weeks?

I heard he was sent up to the MIR space craft to get that SGI computer working. Dang, no email from there either!

> Has he a new event up his sleeve?

Yes ... but he keeps posting it in HTML and nobody reads it. And it starts tonight at local sundown.

> Who won the FYBO contest?

I think Tim K5OI ... he paid for everyone's motel room, meals, lift tickets to the ski lodge, and the surprise entertainment saturday nite at Pine Top. No brainer on that one.

> Who took last place?

Afraid it was me, as I ... HAVEN'T SEEN MY LOG BOOK YET ... since the ScQRPions returned to Pheonix. May the next V-shaped UFO over Arizona practice alien abduction with member #12!

> 72,Doug KI6DS

Date: Wed, 18 Feb 1998 18:29:49 -0600
From: Wm&Penny Kresl <kresl@elknet.net>
To: qrp-1@Lehigh.EDU
Subject: [4225] 20m CENTENNIAL Xcvr -Low RF Out
Message-ID: <3.0.1.32.19980218182949.008974a0@elknet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am posting this note to the QRP group for Greg-N90EH. He has recently completed building his 20 Meter CENTENNIAL SSB Transceiver (from Dan's Small Parts). He reports the construction went OK, and the receiver performed GREAT! However, he initially had LOW RF OUTPUT from the transmit side. With the aid of a scope, he found that he had inserted a 560 OHM resistor instead of the recommended 56 OHMS at location R9 (originally listed as 100 OHM on the SCHEMATIC and PARTS LIST). This change to 56 OHMS is documented on PAGE 19 "LAST MINUTE THOUGHTS AND

CORRECTIONS",
to correct for Q3 driver stage clipping on peaks. This may be something to watch for.

He also found a "WIPE-OUT" trace in a 90 degree bend near the PC board's edge.

This narrow trace feeds the MAR-3 (U12) wide-band amplifier. This MAY be an artwork problem, or simply limited to his board. I have not inspected my board to see if it has that problem. Repair was simple.

He further suggests that a hole be added to the PC board near the RELAY to provide an RF OUTPUT ground connection if small coax cable is used. And another small hole be provided in the ground pad near the SSB filter's three crystals (Y2,3,4) to provide a ground connection for these crystal's cases.

If anyone has packaging ideas for this rig, please share them!

I will start MY 20m CENTENNIAL SSB rig as SOON as I finish my NC38 Special -hehe.

I promise! So much QRP, so little time. See you on the bands! 73..

Bill-WB9BBC
Delavan, WI USA
Earth

Date: Wed, 18 Feb 1998 17:43:35 -0500
From: "dave R /kc1di" <elim@ime.net>
To: <k7sz@juno.com>, <qrp-1@Lehigh.EDU>, <qrp@qth.net>, <tentec@contesting.com>, <tentec@qth.net>
Subject: [4226] Re: [TenTec] T-T Scout
Message-ID: <001d01bd3cbe\$aafb269c0\$1cc65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi rich,

I've had mine for 4 years still use it every day, no real problems.. great little rig ..
73 dave kc1di

-----Original Message-----

From: k7sz@juno.com <k7sz@juno.com>
To: qrp-1@lehigh.edu <qrp-1@lehigh.edu>; qrp@qth.net <qrp@qth.net>;
tentec@contesting.com <tentec@contesting.com>; tentec@qth.net
<tentec@qth.net>
Date: Wednesday, February 18, 1998 5:25 PM
Subject: [TenTec] T-T Scout

>The urge has returned to pick up a T-T Scout...either the 50 watt or 5
>watt model. Anyone out there have any comments pro or con on this rig?
>Plan on using it in the shack and in the camper (my Century-22 will be
>going up for sale shortly). I like the size and the price....just
>wondering if anyone has had any long term experiences with this little
>rig and could provide me some insight.

>
>73 rich K7SZ

>
>
>
>-----

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>
>
>--

>FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>
>Submissions: tentec@contesting.com
>Administrative requests: tentec-REQUEST@contesting.com
>Problems: owner-tentec@contesting.com
>Search: <http://www.contesting.com/km9p/search.htm>

>
>

Date: Wed, 18 Feb 1998 19:42:50 EST
From: wa8rxi@juno.com (Rick Arzadon)
To: dwilliam@cisgw3.law.pace.edu
Cc: qrp-1@Lehigh.EDU
Subject: [4227] Re: CW Advice Wanted
Message-ID: <19980219.004739.4775.1.WA8RXI@juno.com>

And when the train comes to a crossing you can hear the loud "Q" Signal
72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

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Date: Wed, 18 Feb 1998 19:42:51 EST
From: wa8rxi@juno.com (Rick Arzadon)
To: mike@krypton.nmr.Hawaii.Edu
Cc: qrp-l@Lehigh.EDU
Subject: [4228] Re: folk lore
Message-ID: <19980219.004739.4775.2.WA8RXI@juno.com>

And, if you have rhythm try sending "Ben's Best Bent Wire"

Off the air, of course.
I think Hank, K8DD passed this on to me a few years ago.
Nice way to practice your "swing"

72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

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Date: Wed, 18 Feb 1998 19:48:35 EST
From: Shephed@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4229] N/T+ Fox Results for 2/18/98
Message-ID: <2f53392f.34eb8165@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well people here are the results from my last N/T+ Fox hunt.
I was on 7.140 at 5 Watts.

Call	UTC	Name	Snt/Rec	State	Power

N0EVZ		0002 Doc	579/559	Mn	5W
WA1QVM	0006	Joel	569/569	Ma	4W
VE3SP		0011 Ron	559/549	Ont	4W
N0EVZ		0038 Doc	229/549	Mn	.95 W (Show off, hi hi)
KC4GIA	0051	Mark	559/559	Va	
N1QQV		0059 Ken	559/559	Ct	5W
KD5CMN	0122	Mike	339/229	Tx	5W
KC1FB		0130 Jim	449/449	Ct	4W
N6MM	0143	Harvey	449/559	Ca	5W

9 contacts, not bad for the band conditions. Doc made a great show by coming back at .95 Watts! Harvey was a big surprise, great signal from California! I want to thank all who congratulated me on my upgrade.

Now I need to get up the nerve to give it a try on the lower part of 40, can you smell the fear?

72,73
Dan, N8VZU/AG
QRP-L #1404

Date: Wed, 18 Feb 1998 19:52:05 EST
From: Shephed@aol.com
To: bobh@p3.net, qrp-l@Lehigh.EDU
Subject: [4230] Re: FOX K8VZU
Message-ID: <a4e1d15a.34eb8238@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 2/17/98 11:14:29 PM Eastern Standard Time, bobh@p3.net writes:

> Heard you 449 in Pennsylvania, Dan, (near Philadelphia), tried calling you
> several times but I must not have been getting out very well.

Bob,
Thanks for trying. The band was very narrow here in Ohio tonight, you'll get a chance as soon as I get up the nerve to try it on the lower band segment.

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Wed, 18 Feb 1998 19:53:47 EST
From: N9DD@aol.com
To: tahrens@inetport.com
Cc: QRP-L@Lehigh.EDU
Subject: [4231] Re: FOX: W5FN Preliminary Results
Message-ID: <2a86bfb3.34eb829d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-02-18 18:32:59 EST, I wrote:

<< Thanks for letting me know I my fears were groundless. >>

Why, oh why, do I do so much changing and editing of my posts? I always end up with a sentence going "two directions". I meant to say:

Thanks for letting me know my fears were groundless.

Maybe I'll have to hire a proof reader :-)

Thanks again and 73,

Tom N9DD

Date: Wed, 18 Feb 1998 19:56:14 EST
From: Shephed@aol.com
To: 70511.3041@compuserve.com, qrp-l@Lehigh.EDU
Subject: [4232] Re: Tnx for N/T+ pelt tonite!
Message-ID: <18557d2b.34eb8330@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 2/17/98 11:17:11 PM Eastern Standard Time,
70511.3041@compuserve.com writes:

> Wow!--you have some great ears there, new /AG! Worked you with my Sierra
> throttled back to only .95 watts....

Doc,

I couldn't help but hear you, your Sierra was hammering in Ohio. Sounded real great.

>BTW, heard

>you snag Bob and old Kenwood just now at 0331Z!

Yeah, my first AG Fox. I got the taste of Fox blood now. :-)

72, 73

Dan, N8VZU/AG

QRP-L #1404

Date: Wed, 18 Feb 1998 19:54:28 -0500
From: Clay <wyn@worldnet.att.net>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4233] Re: Cool Down Please
Message-ID: <34EB82C4.5E87@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

>

> A good question to ponder is.... if we use less than state
> of the art equipment, are we justified in complaining if
> our equipment doesn't do the job? :-)
>

You're right! This is war! Henry 10K's and 1000D's and
3 el rotary yagis from now on. ;-)

72/73,

Clay N4AOX

Date: Wed, 18 Feb 1998 19:57:50 -0500
From: Clay <wyn@worldnet.att.net>
To: ve7ldh@direct.ca

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4234] Re: Cool Down Please
Message-ID: <34EB838E.54FD@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Laura Halliday wrote:

>
> Last time I checked, packet and RTTY were still perfectly valid
> amateur modes. Why aren't people wowing folks with QRP packet
> and RTTY?
>
> Why not develop radios that address the problem? As the
> bands get more crowded, co-existence (not just QRO vs QRP)
> will become more of a problem too. Rather than whining all
> the time, why not do something about it?
>
> ...laura
You're right. We just need to redefine QRP to be 1000 watts
output to the antenna. ;-)

72/73,
Clay N4AOX

Date: Wed, 18 Feb 1998 19:42:50 EST
From: wa8rxi@juno.com (Rick Arzadon)
To: foxes@theriver.com
Cc: qrp-1@Lehigh.EDU
Subject: [4235] Re: CW Advice Wanted
Message-ID: <19980219.004739.4775.0.WA8RXI@juno.com>

Andy,
Heres my preference for using the following abbreviations.
K... used to signify to the other station that you have completed
transmission.
 "Go-Ahead it's your turn"
AR.. I have only used this in Formal Traffic nets. Signifies the
End-of-Message.
BK... "DOES NOT MEAN BACK", I've heard this used improperly for several
years.
 But, as time passes procedures change.
 This "used to mean" I would like to break into the QS0 and/or
a real fast K..

72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 18 Feb 1998 20:01:41 -0500
From: Clay <wyn@worldnet.att.net>
To: gregoire@endor.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4236] Re: Digi 'stuff'
Message-ID: <34EB8475.5C6D@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gregoire@endor.com wrote:

>

>

> <<Anyway, I have a suggestion... maybe we should ask the ARRL to ask
> the FCC to specify that at least one subsection on one band be set
> aside as CW only. I would vote for something like 10.015 to 10.020
> (30 meters).>>

Better yet, let's ask the ARRL to ask the FCC to specify a subsection
in each band for the digi-jerks. ;-)

72/73,
Clay N4A0X

Date: Wed, 18 Feb 1998 20:05:39 EST
From: Shephed@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4237] The smell of Fox blood
Message-ID: <77c834e.34eb8565@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ok that's it, I've got the taste of blood now and I feel the call of the wild.
Two pelts in the fast paced CQ frenzy of the AG Fox hunt. Man what a rush, now
to get my fist and ears tuned a little bit more and I'll be ready to give it a
try.

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Wed, 18 Feb 1998 20:22:27 EST
From: WU0L@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4238] Spring 1997 SPRAT
Message-ID: <4d547af2.34eb8955@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Re: GQ2000 transceiver

Does anyone know the value of C51 for the QSK circuit-----seems a little
critical as it is part of the timing chain????

thanks 72 Mark WU0L

Date: Wed, 18 Feb 1998 20:02:44 EST
From: k7sz@juno.com
To: qrp-l@Lehigh.EDU, qrp@qth.net
Subject: [4239] FS: FT-301D
Message-ID: <19980219.020615.12015.5.k7sz@juno.com>

I have a FT-301D (160-10 meters no WARC) SSB/CW rig for sale. It is in
excellent shape, and has the 100 watt brick amp dismounted as I am using
it as a QRP rig and a driver for V/UHF transverters.

Comes with original manual, power cord and connector. This is a digi freq
readout version of the FT-301. I have an analog QRP version (FR-301S) and
need to sell this rig to buy a Scout.

Price: \$350 and we split the shipping.

73 rich K7SZ

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 18 Feb 1998 20:28:15 -0500
From: Clay <wyn@worldnet.att.net>
To: AlK0FRP@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4240] Re: RTTY
Message-ID: <34EB8AAF.7BF1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AlK0FRP@aol.com wrote:

>
> Gang
>
> I'm with Bill KD7S just cool the jets guys.
>
Too late. This is war! We will prevail over
the digi-jerks, and have lots of fun doing it.;-)

72/73,
Clay N4A0X

PS: Just remember pinning the coax does not work with
open wire line.

Date: Wed, 18 Feb 1998 18:44:21 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [4241] Re: Digi 'stuff'
Message-ID: <Pine.LNX.3.96.980218183555.6715B-100000@topaz.axisinternet.com>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> Better yet, let's ask the ARRL to ask the FCC to specify a subsection
> in each band for the digi-jerks. ;-)

Please stop using the term 'digi-jerks'...it's uncalled for, and not very professional. Though this may be a hobby, professionalism in the way one conducts themselves is still 'high ranking' in my eye. I personally find digi-droids unoffending, as it's a nickname rather than an accusatory name. Digi-jerks, however, is a bit too harsh for my liking.

Besides, I didn't join this list to see people calling names to others, no matter HOW much of a 'jerk' they may be.

AND, for what it's worth, there **ARE** subsections of the bands allocated for purposes of CW, RTTY, Data, phone, and video. Check in the back of any ARRL Handbook.

Thank you.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      Chief Architect and Project Founder
=====
```

Date: Wed, 18 Feb 1998 20:47:17 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4242] Re: SG-2020 update
Message-ID: <199802190148.UAA08767@mercury.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> the first rigs ordered will ship in two to six weeks<

You gotta love it..... (and I didn't inhale!)

===PSR===

Date: Wed, 18 Feb 1998 17:58:50 -0800

From: Conrad <radman@best.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [4243] HW-7,8 & 9 Cross-Reference ?
Message-ID: <01BD3C96.DEAECAC0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone know of a cross-reference Web-site for old Heath semi-conductors & ICs?

For example: what's the "modern replacement" for a Heath # 417-201 transistor in the HW-7?

Must be a site somewhere (?)

tnx -- 72 -- Conrad -- nn6cw.

Date: Wed, 18 Feb 1998 21:09:48 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <wbae@sprint.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4244] Re: Pixie2 Problem
Message-ID: <199802190203.6215500@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: William S. M. Bae <wbae@sprint.ca>; owner-qrp-1@Lehigh.EDU

> (I'm using headphones) and there is a 'rattling' sound heard occurring at
> about 4 Hz. I'm now going through a solderless breadboard version

I built a pixie from the HSC kit a couple of weeks ago. I had the same sort of symptom and noticed that I could change it by moving L1 and R3 a bit. I dressed their leads very tightly and the problem went away.

Hope this helps,
73 de WB8RCR

Date: Wed, 18 Feb 1998 20:54:36 -0500

From: Hank Kohl K8DD <k8dd@contesting.com>
To: wa8rxi@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4245] Re: folk lore
Message-ID: <3.0.1.32.19980218205436.00720588@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:42 PM 2/18/98 EST, Rick Arzadon wrote:

>And, if you have rhythm try sending "Ben's Best Bent Wire"
>
>Off the air, of course.
>I think Hank, K8DD passed this on to me a few years ago.
>Nice way to practice your "swing"
>
>72, Rick Arzadon - WA8RXI Taylor, MI.
>[QRP-L #1368][ARCI #9050][MI-QRP #587]

But only with a bug. It sounds like music.

It just doesn't sound quite as good with a keyer!

73 Hank K8DD

Date: Wed, 18 Feb 1998 18:08:39 -0800 (PST)
From: Danh Le <dql@slip.net>
To: qrp-1@Lehigh.EDU
Subject: [4246] Looking for 9M0C end up working BD4ED on 40m qrp (kinda long)
Message-ID: <E0y5LPj-0003dS-00@slip-3>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Gang,

I was inspired by Ron Stark's account for working 9M0C the other day so I got up at 4:00am PST this morning partly because I need to finish up a presentation material which I will be presenting at 9:00am, partly because I wanted listen for 9M0C to see if I could even hear it with my low dipole (80 dipole fed with open line at 30ft - tuned to work on 40m)

Turned on the radio, tuned the antenna for 40m, then listen around 7.002 MHz. Nothing heard. I was pretty sure that the low dipole was not good for DX on 40m (the farthest 40 QSO I made with this antenna was into New Hampshire at 5w since I installed just before the new year.) Tuning to around 7.005 MHz, I could hear a couple of VKs stations talking about working 9M0C earlier. Hearing VKs was a good sign because it meant that propagation is probably very good from West Coast US to the Pacific. But I was preoccupied with work so sat down and work on the computer. Occasionally I would scan around 7.002 MHz to see if I could hear 9M0C. At around 5:00am, I heard a pretty big pile up at around 7.004-7.005mhz (my guess was that a lot of state side station must have heard it) I tuned very carefully around 7.002 for 9M0C but I could not hear it at all. Not this morning I told myself then went back to work!

Then just out of curiosity, I decided to take a short break and scan around the 7.002 MHz one more time before turning off the radio. The 9M0C pileup was pretty much gone by 5:25 am. Just as I scanned pass 7.007 MHz, I heard a very weak station calling CQ - his signal was pretty much at the noise floor occasionally peaking up above it. I managed to copy it as "6D4ED". A DX station?

I asked myself? I looked up on the wall where the DX prefixes are. Told myself that it was only a Mexican station, but decided to listen for his QSO anyway (he is talking to a W7 station now...) After the short contact exchange, a small pileup occurred just as he signed!!! I got very curious and decide to key up my Kenwood TS850s setting at 5w and put out 2 KE6D's. Out of my amazement, he came back KE6D? I got really excited then proceeded to exchange the RST, name, QTH (which I could not copy his qth because his signal was pretty weak by then)

He also told me that I had a 559 RST and that the "6D" was wrong. It should be "BD" (not on my DX chart!). Then went on and send his QSL info twice over the air. Being preoccupied with my presentation, I turned on the tape recorder to copy it, then sign clear afterward.

I took the tape to work with me and patiently waited until after I finished the presentation, then replayed the QSL info. To my astonishment, the QTH is Shanghai... and he will accept QSL direct... I almost fell off my chair after figuring out the his address. I was not sure how I would handle myself if I know right then that I was working China with my little antenna running QRP power - Probably not very well.

And yes, the tape recorder really saved my day as this is the very first time I work any station in that part of the world beside Japan.

I guess the most important skill which I learn from QRP operation is RECEIVING. Lots of time the noise on 40m (my favorite band) is so bad that it is really tough to make sense of any kind signal on the band (my low dipole antenna does not help either!!!)

I probably will get up early again tomorrow to look for 9M0C as someone pointed out that they are in their last few days operating on the island. Don't know if I can hear them, but there is no telling what I will encounter either.

Thanks for sharing the experience es 72 de Dan, ke6d

PS: Having a tape recorder attached to my station ready to go at anytime (especially during QSL info exchange) had help me many times before. If the signal is very weak, it is nice to be able to play back the tape over and over again until I got the address down 100%

```
=====
Dan Le
Amateur Radio Station KE6D
dle@san-jose.ate.slb.com      (work)
dql@slip.net                  (play)
ke6d@w6yx.ampr.org            (packet)
=====
```

```
-----
Date: Wed, 18 Feb 1998 21:11:00 -0800
From: astone@erols.com
To: qrp-1@Lehigh.EDU
Subject: [4247] WTB: Easy PIC'n or other Intro. PIC Book
Message-ID: <34EBBEE4.2E19@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

Hi -- Please respond direct if you have a copy of this book, or an alternative intro. text, that you'd like to sell to me. Thanks.

72,

Ron (KA3J)

```
-----
Date: Wed, 18 Feb 1998 21:18:11 -0500
From: Clay <wyn@worldnet.att.net>
To: kc5tja@topaz.axisinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
```


Subject: [4248] Re: Digi 'stuff'
Message-ID: <34EB9663.25A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KC5TJA wrote:

>

> Please stop using the term 'digi-jerks'...it's uncalled for, and not very
> professional.

Sorry, a thousand pardons, no offense intended.

> AND, for what it's worth, there **ARE** subsections of the bands allocated
> for purposes of CW, RTTY, Data, phone, and video. Check in the back

The last time I checked CW was good everywhere, no subbands. Has this
changed?

>

> Thank you.

How about digi-dummies?

72/73,
Clay N4AOX

Date: Wed, 18 Feb 1998 21:31:01
From: Mark Kesner <marklori@visuallink.com>
To: qrp-l@Lehigh.EDU
Subject: [4249] old tubes
Message-ID: <3.0.3.16.19980218213101.085737c4@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry this is not really QRP related, but I think there are more qualified
folks here to ask about this than anywhere else.

I recently picked up some old tubes at my PT job during a cleanout of the
engineering area. (it's a AM/FM broadcast station). Anyway, I have heard
of people somehow "lighting" these up to make interesting shack
decorations, nightlights, etc. The problem is that I know NOTHING about
tubes other than how to plug one in. I also have no bases for them. I
thought I might try some plastic enclosures to rig a base and wire to the

pins directly. If anyone knows how to "light" them up, I'd appreciate a basic tutorial. The tubes are an 807, WL-575A, and a 4-400C. I doubt they were totally used up as it seems to be common practice to change them out in the transmitters as they come off peak output. Thanks in advance for any help.

Mark
KC4GIA

P.S. Just upgraded to extra... and loving it.

Date: Wed, 18 Feb 1998 21:21:52 EST
From: kb9iua@juno.com (Kevin L Anderson)
To: qrp-l@Lehigh.EDU
Subject: [4250] CW Prosigns (Brief); No N6WG Contact :-(
Message-ID: <19980218.202246.7647.0.kb9iua@juno.com>

>From ARRL Handbook (in particular 1990, Table 2,
page 38-2), "ARRL Communications Procedures":

"K Used after calling CQ, or at the end of a transmission,
 to indicate any station is invited to transmit.

AR Used after a call to a specific station before the
 contact has been established.

KN Used at the end of any transmission when only the
 specific station contacted is invited to answer.

AS A temporary interruption of the contact.

R Indicates a transmission has been received correctly
 and in full.

SK End of contact. SK is sent *before* (their emphasis)
 the final identification.

CL Indicates that a station is going off the air, and
 will not listen for or answer any further calls.
 CL is sent after the final identification."

No mention is made in this summary of BK (break) or other
common uses, although the more extending "Operating..."
book does discuss it.

Thought this might help. Back to QRP. Unfortunately I
couldn't break into N6WG fox hunt (constant pack, then he

faded when it thinned, plus I had QRM, lots of it). Oh well.
Ade, W0RSP, you blasted my ear drums off!

Cheers/73. Kevin, KB9IUA, trying to be a considerate CW op.

Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil

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Date: Thu, 19 Feb 1998 02:58:54 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: kv7g@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [4251] Re: RS Freq Counter - Help Please
Message-ID: <199802190258.CAA06087@chuck.dallas.sgi.com>

To add to the discussion on counters. I have one counter with no
input that seems to lock on one of the local FM stations at 103.7MHz.
:-)

I would think that TV stations would be suspect if I saw a counter
lock at 54MHz or close to that for Channel 2.

Just another thought to add to the discussion.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 18 Feb 1998 21:02:48 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [4252] 40mtr vertical dipole
Message-ID: <199802190302.VAA10499@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Everybodies:

I finally got my vertical dipole up/ hanging from a rope between two trees
(had to wait for a sneaux storm to get the antenna up)

So far the eighty meter horizontal dipole is outdoing the vertical
dipole. Don't quite know what to make of the vertical. Seems like I should
hear some kind of dx with 66 ft of wire hanging vertically in the air...
Wonder if I should aim it in any specific direction... :-)

Thought this antenna would turn my qrp+ into a dx machine... but if
one can't hear em...

Actually it is a vertical folded dipole... using the RS twinlead for
the antenna...

Any Vertical OPS out there want to pass along any hints or
secrets... so far the vertical has been quiet but then, it is only ten pm
eastern time here in maine...

Vertical QRP in Maine can be lonely :-(

bye now
joel

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
80 mtr dipole up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Thu, 19 Feb 1998 03:40:29 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [4253] Elmer101: DVM Internal Resistance
Message-ID: <199802190340.DAA06222@chuck.dallas.sgi.com>

Gang,

Since I was doing some measurements just a while ago on the
Germanium Diodes I needed to determine the internal resistance
of the DVMs to figure into the measurements.

I went to the lifetime supply (tm) of 1/4W resistors and got two 1 Megohm critters. Both measured 984K with several DVMs (heck, you know how these DVM puppies have your name on them at hamfests and they are going for under \$25 and sometimes \$8). :-)
Well OK, the Protek was under \$40 at Fry's Electronics..... ;-)

I then took a 12V 4AHr gel-cell and connected the two resistors in series across the battery. Measured the voltage across the battery at 12.29V. Then made V measurements across ONE of the resistors with each of the DVMs, writing down the value for each DVM then going on to the next DVM. Came back and made sure the battery was still at 12.29V. Then remeasured again the voltage across the same resistor for each DVM to recheck the values.

Then using some supermath (tm) and Ohm's Law (and a good law it is) calculated the internal resistance of each DVM. I leave it as an exercise for the student to do the same thing. :-) ;-)

Here is what I get:

Protek D-930A	9.756Meg ohm
M1000B	0.993Meg ohm
Micronta 22-191	9.925Meg ohm (made for Radio Shack)
R/S 22-163	9.706Meg ohm
Pocket-Pro DM-1	5.037Meg ohm (this one shows battery low so will be interesting to replace batteries and remeasure)

Now can you guess which of these puppies cost me \$8 at Dayton? I knew you could. Hint: a high value is a good value for the internal resistance.

If you take the time and care to do this little experiment and the math you will see why using a VOM is a bad idea for small signal work. DVMs impact the measurements significantly if we are talking about high resistances in a circuit such as this simple one. The RF probe discussion is apropos to this need for a good measuring device with high impedance. You do have to take the resistance value into account in figuring the results of the measurements.

Someone do this with the Simpson 260 and report back. Please. Let me guess at around 200K for the 10V scale. Not picking on the meter as they are good ones.

FYI

Chuck Adams K5FO Dallas,TX CP-60
http://reality.sgi.com/adams adams@sgi.com

Date: Wed, 18 Feb 1998 23:59:25 -0400
From: LAYTON FULTON - VE1MT <l.fulton@ns.sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4254] HW-9 Parts.
Message-ID: <34EBAE1D.307B2937@ns.sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello from Nova Scotia.

I am just a new member of QRP-L, #1448, and already I am looking for help!

I have a Heathkit HW-9 with the tuning capacitor missing from the VFO. Any suggestions, or does anyone know of a junker that may have the VFO intact? If so I would appreciate knowing about it, and the price. I surely would like to get it operational.
Many thanks in advance and good QRP'ing.

72 Layton.

--
Layton Fulton - VE1MT
l.fulton@ns.sympatico.ca

Date: Wed, 18 Feb 1998 21:37:36 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4255] Re: Important Dayton Info
Message-ID: <34EBA900.BA6D839F@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

000000oooooooooh Paul, quit it... I can't get up off the floor... now where is that laptop... I can't see it

for the tears. :-)))

cu

Tim W5FN

Date: Wed, 18 Feb 1998 23:16:02 -0500
From: Tom Bowman <tbowman@nbn.net>
To: we6w@qsl.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4256] Re: TechAmerica Sales -- Anyone?
Message-ID: <3.0.1.32.19980218231602.006d058c@nbn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been thinking about buying two of these. Somewhere I read these put out about 15 VDC at 100ma or so.....

So if I parallel two of these, I get 200ma for \$25. Or is this too simple an approach?

The bottom line is I'd like the solar cells to charge a 6 amp gel cell. Any idea if 200ma for \$25 is a good price????

Tom

>Oh, Oh! There is a Solar cell battery charging system. Hooks
>up to your Cigarette lighter and keep the old Lead Acid car
>battery peaked up. Half Price at \$12.47.
><http://www.techam.com/TAinsid3.html>
>

Date: Wed, 18 Feb 1998 20:21:10 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: wyn@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4257] Re: Cool Down Please
Message-ID: <34EBB336.C0361D55@rakefet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Clay wrote:

>
> Monte Stark wrote:
> >
>
> > A good question to ponder is.... if we use less than state
> > of the art equipment, are we justified in complaining if
> > our equipment doesn't do the job? :-)
> >
> You're right! This is war! Henry 10K's and 1000D's and
> 3 el rotary yagis from now on. ;-)

Note: the following is a MODERATED RESPONSE. The original was deemed too
inflammatory and replaced by the calm, reasoned remark below:

QRP means low power, that's all. Why shouldn't you try to get the most out of it?
I
have the best receiver I could afford, and if I could justify a beam I'd have one
too!

Vic K2VCO

Date: Wed, 18 Feb 1998 22:18:40 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4258] Re: "Power Station" gel-cells
Message-ID: <34EBB2A0.F9059B19@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the info Mike - At our FD, we have been spending
a little \$ on a product called a 'Solargizer'. It supposedly
takes care of the sulfation problem, and other things that can
ail a lead acid battery. In their literature, they even go so
far to say that it can sometimes rejuvenate a battery that's
been laying out in a superfund site for a couple of years. (a
bit of editors license injected there). Anyway, we haven't
had a battery fail since using them (we have 3 of the systems).

They cost about \$60 for a 12 volt system.

Technically, it has a small 2" x 4" solar panel which obviously mounts so it can get sunlight, and it goes into an epoxy blob that has 2 wires coming out of it. (they go directly to the battery). It makes a high frequency sound, probably about 12 to 18 khz. Looking at it's output on a scope shows a really wierd waveform.

I don't claim to know how it really works, or if it is on par with the magnets that folks are starting to put on their pipes instead of water softeners around here, or if it's just really snake oil, but their literature claims that the army swears by them.

Their web page (Pulsetech) is: www.pulsetechproducts.com

If you do a search on Solargizer using Yahoo, you can see a report that the army did on a bunch of batteries.

I don't have any type of involvement with this company ..etcetcetc.

Thanks,

Tim W5FN

Date: Wed, 18 Feb 1998 19:19:31 -0800
From: amarriot@Direct.CA (Albert Daniel Marriott)
To: qrp-1@Lehigh.EDU
Subject: [4259] Sub Arctic 2 Fox Alert
Message-ID: <E0y5NXT-00062K-00@jack.direct.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Posting this for a friend:

Sub Arctic 2 Fox Alert
On Thursday Feb 20/98
0100-0300 Z
Freq: starting 7041 + - QRM

GL

73/2

Dan VE7CTN

Date: 18 Feb 1998 21:42:42 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [4260] Fiber Optics - QRP
Message-ID: <199802190438.XAA56336@nss4.cc.Lehigh.EDU>

Hey gang. Do any of you QRPers know of any inexpensive (read cheap!) fiber optic transmitters and receivers out there. They can be surplus, kits, whatever. Just need to run some low data rate signals for a few meters. Any and all ideas are appreciated. Please reply direct.

73/73,
Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Wed, 18 Feb 1998 23:50:55 EST
From: GERALDCUND@aol.com
To: QRPDave@ocsnet.net
Cc: qrp-l@Lehigh.EDU
Subject: [4261] Re: 1000 miles per watt
Message-ID: <59296577.34ebba32@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

QrpARCI offers a 1000 miles per watt (KM/W) award among other awards. Check in the awards section of their homepage for awards forms and requirements.

rtpnet.org/~qrp/

Gerald, KE4LIA

Date: Wed, 18 Feb 1998 21:23:55 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Hank Kohl K8DD <k8dd@contesting.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4262] Re: folk lore
Message-ID: <Pine.SUN.3.90.980218212304.21821A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Feb 1998, Hank Kohl K8DD wrote:

>
> But only with a bug. It sounds like music.
>
> It just doesn't sound quite as good with a keyer!
>

Nothing sounds as good with a keyer! :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 19 Feb 1998 00:20:34 EST
From: GERALDCUND@aol.com
To: k7sz@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [4263] Re: T-T Scout
Message-ID: <badcf442.34ebc124@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

My QRO rig is a Ten Tec Scout. I bought it in Oct of 94 from the factory in Tenn. I've worked everything from DX to 49 states on it.(40 meters) It has excellent QSK (you can hear another signal between dits and dahs) and really good reception. (I hear a lot of DX being stepped on.) Earlier versions had a problem with drifting but mine seems pretty stable. I can't say much about the only other mode of operation, SSB. I only wired a mike up, used it once, and put it away. If you can live with a 50 watt rig in a 100 watt world it will do nicely.

The 5 watt rig is an Argo. Both take separate modules that plug in for each

band.

I hope this helps you make your decision.

Gerald,KE4LIA

Date: Wed, 18 Feb 1998 23:24:07 -0600
From: "Roger Whitaker [K9LJB]" <k9lj@iname.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4264] Re: sloppy code.
Message-ID: <34EBC1F3.F8D40125@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is a lot of truth to Monte's comments. I was reading the mail on 30 this evening as I drove the 3 hour drive home from Chicago and I ran across an un-named QRO station who was using a bug. Now, the ratio was a ways off from 3:1, probably more like 6:1, and he had a swing to his sending, but it really did sound pretty good and it had personality. No trouble with the copy, probably at about 30 wpm. I do recall back before too many guys were using electronic keyers that I could recognize my friends just by the rhythm of their fist. Not quite as easy now. Yes, good CW is an art, but copying not so good CW is real art :-)

72

--

Roger B. Whitaker K9LJB QRP-1 #1403

The early bird may get the worm,
but the second mouse gets the cheese

Home page: <http://www.cityscape.net/~whitaker/>

Date: Wed, 18 Feb 1998 21:28:34 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [4265] 2-Meter Hand-Held Radio (Wanted!)
Message-ID: <34EBC302.D4E157C3@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Everyone,

I have been searching the internet to purchase a used HTX 202 HT (Radio Shack) hand-held radio and I must confess--I haven't had much success :-(. Since I am new to ham radio, I really don't know what to look for in many of the popular brands, i.e. ICOM, ADI, ALINCO and such. I could research these brands, but I expect to take the No-Code Tech exam next month and it would be real nice if I had a radio when I pass the exam. If any of you have any suggestions or want to sale a 2-meter hand-held radio, then let's talk. All suggestions will be greatly appreciated and accepted. I'm on a budget here. I'm willing to pay: \$100.00 to \$200.00. If it cost more then that, then I might as well purchase a new one. I have had my eye on the dual-band ADI 600 AT, but the cost would be tough to justify with the wife. Might have to get a night job to support my two hobbies: ham radio & scuba?

Thank You (73s),

--

Chuck No_Call_Sign_Yet

<http://www.nextdim.com/users/csnyder/index.htm>

QRP-L #1462

Spokane, WA

Date: Thu, 19 Feb 1998 00:36:27 EST

From: DYARNES@aol.com

To: qrp-l@Lehigh.EDU

Subject: [4266] Re: The NorCal Version of the Herring Aid 5 LIVES!!

Message-ID: <151cbb97.34ebc4dd@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Hi Gang,

As usual, Doug has turned defeat into victory, and the rest of us benefit in the process. Who else among us does a better job of creating learning experiences? Of course, Doug IS a teacher! So he is practicing his vocation on us, but it doesn't hurt a bit does it? Don't you wish your kids had had more folks like that running their classrooms?

Thanks again Professor Doug.

72 de David W7AQK

Date: Thu, 19 Feb 1998 00:59:25 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4267] AEA DIGITALKER? Wanta Part with one?
Message-ID: <Pine.SUN.3.96.980219005314.22384C-1000000@viking.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you do, please e-mail me.

If you're asking "What is it?" It's a talking frequency counter which was sold by Amateur Radio Engineering, and then by AEA.

If you find one among the fleas, let me know.

I'm spoiled by talking displays, and forget that for the first 15 years of my ham activity I had to count turns of the dial and beeps from a 25khz calabrator.

72/73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Wed, 18 Feb 1998 13:50:41 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [4268] counter
Message-ID: <199802190600.WAA20358@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dont understand what's going on in the rest of the world but here in Spokane that frequency counter is still in the computer at regular price,

something like \$100. Then of course it has been well documented that we are about 4months behind the rest of the nation anyway. We didn't even vote in the last national election until February.

Wayne WB7WHI
Spokane, Wa.

Date: Thu, 19 Feb 1998 00:02:33 -0600
From: "Roger Whitaker [K9LJB]" <k9lj@iname.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4269] Re: Cool Down Please
Message-ID: <34EBCAF8.8DDE4F3F@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

State of which art? I think that a Pixie represents "state of the art" in that part of our art that seeks to build a working transceiver with a minimum number of parts and cost. State of the art is relative. If the goal is "armchair copy" then QRO may be the answer to the question. I never expected all 599 reports when I went to QRP. Did any of us?

72

--

Roger B. Whitaker K9LJB QRP-1 #1403

The early bird may get the worm,
but the second mouse gets the cheese

Home page: <http://www.cityscape.net/~whitaker/>

Date: Thu, 19 Feb 1998 01:10:16 EST
From: GERALDCUND@aol.com
To: csnyder@nextdim.com
Cc: qrp-1@Lehigh.EDU
Subject: [4270] Re: 2-Meter Hand-Held Radio (Wanted!)
Message-ID: <898b5646.34ebccca@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Chuck

My first 2 meter radio was an HTX-202. I am still using it with the RS 2 meter amp as my base station. I can work packet with it using a Baypac modem(about \$49.00 or \$69.00) It has a feature we use here in Louisville on the RACES Repeater. I can set the RX and TX tones as two different tones. I can only set the same tone on my \$400.00 Kenwood HT in TX or RX. Some repeaters use subaudible tones Chuck that are transmitted when you key down. If the repeater doesn't hear this tone it's receiver will not hear you. Some repeaters also use transmitter subaudible tones that you must program in your radio. This helps cut down on interference on your radio. The HTX-202 will not allow you to use it to receive outside the ham bands. In other words you can't use it like a scanner to hear Fire, Air, or Police calls.

I hope this answers some of your questions Chuck and good luck on your test session. Don't stop at a no-code tech though. It's only a fraction of the fun being a ham.

Gerald,KE4LIA

Date: Thu, 19 Feb 1998 01:12:43 EST
From: GERALDCUND@aol.com
To: csnyder@nextdim.com
Cc: qrp-1@Lehigh.EDU
Subject: [4271] Re: 2-Meter Hand-Held Radio (Wanted!)
Message-ID: <f672e0d3.34ebcd5d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Chuck

I forgot to tell you RS sometimes runs these on sale especially at the Dayton Hamfest time of year. It should be within your price range then.

Gerald,KE4LIA

Date: Wed, 18 Feb 1998 22:40:07 -0800
From: rong@slip.net

To: qrp-1@Lehigh.EDU
Subject: [4272] 38S Finished
Message-ID: <34EBD3C7.796E@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am sure that many of you did not think anyone was still working on this kit but mine was actually finished August 30 but I did not have a chance to fire it up until now...No antenna for it and the weather and other things did not let me put one up....So I got tired of looking at it on the bench and took it to work where we have state of the art test equipment...I did tune up the receiver at home and got the two peaks fine after eliminating on turn as suggested...I had accumulated all the mods and sorted through them all and ended up building it with the Tick and the five watt mod. I got ahold of the list of mods and the actual step by step instructions to build it with the mods as you went and that cleared up alot of confusion....Anyway, thanks to all who were involved in the project and all the modifications, mine worked fine from the get go.

I ended up with 4.5 watts out and a freq range of about 10.09 to 10.13. I think that was what the old HP freq counter said...When I hooked to the tektronix spectrum analyzer and tuned the transmitter I saw that tuning resulted in really cleaning up the signal...The first harmonics ended up 45db down, the second harmonics were barely noticable...I did not get around to testing the sensitivity of the receiver but I think it is going to be fine....based on the signal I peaked on the home bench. The Tick keyer had a nice strong signal and it was about as loud as the sidetone....

Anyway, I am happy I do not have to trouble shoot it since I have other kits to get to....Now I will be waiting for spring so I can put up a dipole for 20...Also am waiting for the chrome base back from the shop so I can finish the Norcal keyer to go with the 38S.

I cleared the bench of a couple of computers that I have been fooling around with and will probably start on the 1254 this weekend....

Thanks to Norcal for the fun 38S kit...I am glad I finally wrapped mine up.

Ron

Date: Wed, 18 Feb 1998 22:58:19 -0800
From: "Eric Swartz, WA6HHQ - EleCraft" <erics@elecraft.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [4273] New Info.on EleCraft Web Page
Message-ID: <34EBD80B.2D1076BE@elecraft.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Wayne and I have updated the information on our EleCraft web page,
including a new news section and a new front panel layout.

73, Eric

Date: Thu, 19 Feb 1998 01:15:57 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: k9lj@iname.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4274] Re: Cool Down Please
Message-ID: <34EBDC2D.1CAF@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Whitaker [K9LJB] wrote:

>
> State of which art? I think that a Pixie represents "state of the
> art" in that part of our art that seeks to build a working transceiver
> with a minimum number of parts and cost. State of the art is relative.
> If the goal is "armchair copy" then QRO may be the answer to the
> question. I never expected all 599 reports when I went to QRP. Did any
> of us?
> 72

Minimum parts and cost is often going to be in conflict with strong
signal handling capabilities and selectivity. If you are going to
define state of the art in those terms then you have no basis for
complaining when someone on 7038 pumps your AGC or completely wipes out
your reception on 7040 or higher.

73 de Dave, N0IT

Date: Thu, 19 Feb 1998 01:18:09 -0600
From: Dave Sjolín <sjolin@swbell.net>

To: wb7whi@triaux.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4275] Re: counter
Message-ID: <34EBDCB1.5B8C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wayne Barnhart wrote:

>
> Dont understand what's going on in the rest of the world but here in
> Spokane that frequency counter is still in the computer at regular price,
> something like \$100. Then of course it has been well documented that we are
> about 4months behind the rest of the nation anyway. We didn't even vote in
> the last national election until February.
>

That is the new model 22-306. The discontinued 22-305 sells for \$40, if you can find it. Dont know how they differ other than price.

73 de Dave, N0IT

Date: Thu, 19 Feb 1998 09:12:40 +0200 (EET)
From: "Arjen Raateland, FEI/Impacts Research" <Arjen.Raateland@vyh.fi>
To: qrp-1@Lehigh.EDU
Subject: [4276] pile-up
Message-ID: <01ITRC7WNTTI8Y6ZX6@vyh21.vyh.fi>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1
Content-transfer-encoding: 8BIT

Thanks all for the info about the pile-up below 7030 kHz. 7 to 10 kHz split is impossible with a standard Sierra, but now that I know where to listen, I'll listen for the 9M0. The situation around Spratly Island must have become a lot less tense. I recall stories of gun boats and prospective Spratly operators drowning ...

My situation is a low 80 m dipole with open line feed (at ca. 12 m agl) in Helsinki along the former building of the Finnish Broadcasting Company. Some say it used to be the best known Finnish address in the world (Kes katu 2). I could take a GC RX to listen while TXing with the Sierra, but switching rigs&antenna manually with a coax switch would probably not work in practice.

I guess I should study the (new) info on the Elecraft K-2 once more

with this new split frequency requirement in mind. Or make a smart mod to my Sierra. Anybody done that kind of mod?

tnx es cheerio,
Arjen Raateland

```

-.-.-.-.-
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax  +358 9 4030 0490
-.-.-.-.-

```

Date: Wed, 18 Feb 1998 23:42:32 -0800
From: "Eric Swartz, WA6HHQ - EleCraft" <erics@elecraft.com>
To: Arjen.Raateland@vyh.fi, QRP-L <qrp-l@Lehigh.EDU>
Subject: [4277] Split operation on the Sierra and EleCraft K2
Message-ID: <34EBE267.1DB189A@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You wrote:

```
>I guess I should study the (new) info on the Elecraft K-2 once more
>with this new split frequency requirement in mind. Or make a smart mod
>to my Sierra. Anybody done that kind of mod?
```

Hi Arjen,

I modified my Sierra for RIT/XIT and wrote it up in the Dec. '1996 QRPp (page 60). I set it up for -1 / +6 khz XIT/RIT for split operation in DX pile-ups.

Also, the K2 has two VF0's which can run wide split RX/TX. (<http://www.elecraft.com>)

73, Eric

Date: Thu, 19 Feb 1998 09:13:19 +0000

From: Wayne Dillon <w.dillon@ic.ac.uk>
To: gqrp-l@blacksheep.org
Cc: qrp-l@Lehigh.EDU
Subject: [4278] Help please with the Kenwood TS50
Message-ID: <3.0.3.32.19980219091319.00b07da0@mism.ad.ic.ac.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Help please, I've aquired a Kenwood TS50 and want to modify the low power setting to 5W instead of the 10 W specified. Has anyone done this and can you please advise.

Thanks in advance

Wayne - G0JJQ G-QRP-5233
Wayne S. Dillon
Maintenance Co-Ordinator
Room 129 Huxley building
Imperial College of Science, Technology and Medicine.
Exhibition Road
London
SW7 2AZ

Tel: 0171 594 9030
Fax: 0171 594 8930
E-Mail w.dillon@ic.ac.uk

Date: Thu, 19 Feb 1998 09:21:34 -0500
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [4279] See you all at the convention...
Message-ID: <1.5.4.32.19980219142134.006a3c20@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll be working the QCEN booth at the ARRL convention in Cincinnati, saturday feb 21 from 1300-1400L, Hope I can meet at least a couple of the QRP-L'ers..

73

/rick

Richard Powell WB6JBM TENTEN - 13044
Director of Network Services, JDR Consulting Services, LTD.
ripowell@mpna.com <http://www.mpna.com/ripowell>

ripowell@jdrcomsulting.com <http://www.jdrconsulting.com>

Date: Thu, 19 Feb 1998 07:33:45 EST
From: KB9RPD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [4280] Re: CW Advice Wanted
Message-ID: <a4e3401a.34ec26f1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

While practicing my copying, I've noticed something that is done in CW that is often done in voice. Ironically, this is something I have been taught, "you really shouldn't do it, but a lot of people do..."

Listen to a ragchew on any voice contact or just listen to 2M. The conversation is like face to face. There is very little time between words of one person and words of another. I believe the term is "fast keying" in voice. I have no idea what it is in CW.

I got to thinking about this when I heard it on CW on 40M and 80M the past few nights...if you do this in CW, does it not make it VERY difficult for the person on the other side? What if the person is new? He may send a period, for example, and pause. If the other person sends CW faster than the other operator, he was interrupted. I suppose this is similar to a real conversation when someone starts talking before you are through. One of the best (as a beginner) QSOs I heard last week on 80 meters was between two guys who used BK BK at the end of each single transmission. The ham waited about 15-30 seconds, then started sending. Then, BK BK. The second ham waited 15-20 seconds, then sent his CW...and a BK BK. I found this, again as a beginner, the BEST QSO to copy. I think they were sending about 8-10 wpm. I didn't copy everything, but copied most of their CW until the transmissions vanished...On my shortwave, their signal was easy to hear, but very faint.

73, Ted - KB9RPD

Date: Thu, 19 Feb 1998 08:37:47 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: Sam Billingsley <SBillingsley@usaninc.com>

Cc: "GQRP-list (E-mail)" <qgrp-l@blacksheep.org>, "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [4281] Re: GQRP - Solar Panel Output Regulation
Message-ID: <34EC5FDB.1B9FBEC5@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sam Billingsley wrote:

> To extend my portable QRP activities for camping and backpacking I
> recently picked a low capacity Solar panel (nominal 15v at 125ma). I
> noticed in bright sun the output under very light load goes up to 19v. I
> was concerned that if I tried to use it with my low 4-7AH gell cells
> that I could do damage to them over time. I have looked at the
> possibility of both shunt and series regulators to keep the charge
> voltage under control. QRP Power has a reference to a shunt circuit that
> looks good. I also picked up a IC 723 variable voltage regulator that
> can handle up to 150ma. Can anyone share any building experiences or
> point me to some circuit references.
>

Sam,

I haven't looked over the circuits thoroughly, but you may wish to look at three different charge controller circuits shown in NUTS & VOLTS magazine for April, 1997. They look simple enough and will accommodate a variety of needs. Perhaps someone else on the list has experience with these or other circuits. Good luck.

73,
Lyn, W4WDN

Date: Thu, 19 Feb 1998 05:52:43 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4282] Re: Radio Shack Freq Counter - Help Please
Message-ID: <34EC392B.23B9@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Sam AE4GX
> ---
> Via GQRP-L - The G-QRP Club mailing list

Hi Sam, I may be all wrong but I wouldn't bother with a regulator at all unless you plan on letting the panel charge that btry for weeks in sunny wx without using it.

A better plan would be to do a rough calculation, based on power input from the panel, and btry voltage after charging all day. Once you know what "fully charged" voltage is, just use the btry every few days based on that information. If you can do that your btrys should serve you well.

You might also consider keeping your eyes open for 1.8 - 2 AH NiCads in the surplus market. Or better still, find discarded cordless sweepers and other appliances, and recycle what you find for free.

If you get a bad cell in a string of NiCads its EZ to replace it and go on. Not so EZ with gell cells.

Plus NiCads aren't effected by cold WX like lead acid gell cell's are.

You lose 30% or more when temps are low. Even at QRP power levels, nobody can afford loosing 30% from a btry.

Good luck, Jim KJ5TF/QRP - 100% solar/wind power since 1979

Date: Thu, 19 Feb 1998 08:17:03 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [4284] Re: Floating Verticals and sloppy code.
Message-ID: <862565B0.004DC9C1.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

>>Re: sloppy code. Now, just because I passed my General exam does not
>>mean I'm a CW expert. I still struggle with 13wpm (but I'm improving).
>>Very often I get in a qso with someone who is sending about at my limit,
>>but it seems that they run all the letters and words together. Anyone
>>else notice this, or is it just my poor copy skills. It was so bad with
>>one guy tonight I couldn't even copy 1 word solid.

>>

>Yes, I find this very annoying. There a lot of people out there with
really

>bad form. Its way to frustrating to figure out what is being sent!

I used to feel this way too until I got a QSL card thanking me for my

patience.. turns out
the guy on the other end was paralyzed from the neck down because of a car
accident
and was sending his code by sipping on a straw connected to a device that
keyed his rig.

Now I go out of my way to work stations that appear to be struggling with
the code...sort
of like trying to go out of your way to work a weak signal.

Brian AE9K

Date: Thu, 19 Feb 1998 14:39:40 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [4285] NN1G RF Probe Parts
Message-ID: <199802191439.0AA07362@chuck.dallas.sgi.com>

Ooops. Made an error when I mentioned that you might have
a 1N34A if you had a SWL kit. Dave Benson, NN1G, supplies
1N4148s with the kit instead of the 1N34A as I had mentioned.
Just a slip of the brain cells.

The reason why all this time on RF Probes has to do with
power measurements in general and what people think they are
running and what they are actually running in a lot of cases
does not agree. At issue is how does one really really know
what the output power is within a few percent.....

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 19 Feb 1998 09:57:11 EST
From: K5BDZ@aol.com
To: Bcieslak@ra.rockwell.com, qrp-1@Lehigh.EDU
Subject: [4286] Re: Floating Verticals and sloppy code.

Message-ID: <2c59ada7.34ec4849@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Brian

Great note and refreshing perspective...hope your note is widely read.
Bill, K5BDZ

Date: Thu, 19 Feb 1998 09:59:47 EST
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU
Subject: [4287] Re: FS: Timewave DSP-59
Message-ID: <bcd9e32.34ec48e5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Timewave DSP-59 and all Tejas filter kits are committed...will be "sold" when money arrives. Thanks to all for your response
bill, K5BDZ

Date: Thu, 19 Feb 1998 09:00:35 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <Arjen.Raateland@vyh.fi>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4288] Re: pile-up & Dual VFO s
Message-ID: <199802191502.JAA15347@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Arjen and all, The QRP Quarterly of January 1998, pp 28 & 29 has a neat article on Dual VFOs for varactor tuned rigs. Its pretty easy to add an outboard vfo and save defacing the Sierra. Also the selector switch for vfo A or vfo B can be installed in the external vfo box.

To save adding any holes to your Sierra, see QRP Quarterly of October 1997, pp 30 for an article on using one phone jack to make two connections, ie key & headphones, or maybe an outboard vfo connection.

Hope this helps, and good luck
Walter Dufrain AG5P Wright City, Missouri
CW the Cerebral Wavelength

>
> I guess I should study the (new) info on the Elecraft K-2 once more
> with this new split frequency requirement in mind. Or make a smart mod
> to my Sierra. Anybody done that kind of mod?
>
> tnx es cheerio,
> Arjen Raateland

Date: Thu, 19 Feb 1998 09:18:16 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4289] SGC 2020 algebra
Message-ID: <01cd01bd3d49\$9a1ada80\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I just read this:

spoke with SGC today and they said that the first rigs ordered will ship
in
two to six weeks, and that new orders now backlogged will ship after that.
hopefully they'll update their webpage soon! hopefully the new rig will be
worth the wait!

Mike AC6JA

=====

seems no matter when you ask the first rigs will be in a "few weeks" this
has been going on since the summer? well the rig should come out perfect
after all this

=====

Jeff M. Gold, Ed.S.
Manager, Academic Computing Support
Tennessee Technological University

Date: Thu, 19 Feb 1998 10:17:33 -0500
From: "Jim Apple" <jma@eps.inso.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4290] RE: RF Probe Questions -- Elmer101
Message-ID: <199802191518.KAA07651@eps-inc.eps.inso.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built the RF probe from the Handbook and I'm trying to compare the readings I'm getting with my Scope. I would expect the RF probe reading is a RMS value, so I should be able to take the PP reading from the Scope and calculate the RMS from that. In my tests however these numbers have been very different. In one case the RF Probe was .3 volts and the Scope was .7 (RMS)

I'm pretty sure both the scope and my DVM are well calibrated, Am I missing something here ?

Thanks

Date: Thu, 19 Feb 1998 07:21:29 -0800
From: "Eric Swartz, WA6HHQ EleCraft" <erics@elecraft.com>
To: "tracy@orlando.com" <tracy@orlando.com>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [4291] Re: New Info.on EleCraft Web Page
Message-ID: <34EC4DF8.18A63625@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tracy wrote:

> I'm kinda new to the group ... what's the url to your EleCraft page?

Oops! Its <http://www.elecraft.com>

73, Eric

Date: Thu, 19 Feb 1998 09:21:38 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <jdenison@morelr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4292] Re: 40mtr vertical dipole
Message-ID: <199802191523.JAA19496@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Joel, you forgot to dust off them sneaux badgers that are hugging the twin-lead.

Walter Dufrain AG5P Wright City, Missouri
CW the Cerebral Wavelength

> one can't hear em...
> Actually it is a vertical folded dipole... using the RS twinlead
for
> the antenna...
>
> Vertical QRP in Maine can be lonely :-(
>

Date: Thu, 19 Feb 1998 10:51:31 -0500
From: Phil Rutledge <rut@mcrut.mv.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4293] Re: SGC 2020 algebra
Message-ID: <Version.32.19980219104831.00f897a0@pop.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:18 AM 2/19/98 -0600, Jeff M. Gold wrote:

>I just read this:
>
> spoke with SGC today and they said that the first rigs ordered will ship
>in

>two to six weeks, and that new orders now backlogged will ship after that.
>hopefully they'll update their webpage soon! hopefully the new rig will be
>worth the wait!

>

>Mike AC6JA

>=====

>

>seems no matter when you ask the first rigs will be in a "few weeks" this
>has been going on since the summer? well the rig should come out perfect
>after all this

Well, I finally got fed up with the wait and cancelled my order. Instead, I
picked up a *very* clean TS-130 for half the price. It will not only
operate at QRP levels, but also has some reserve power to boot. :-)

===PHil=== (K1HS)

Date: 19 Feb 1998 11:31:17 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: adams@chuck.dallas.sgi.com
Cc: qrp-l;;
Subject: [4294] Re: Elmer101: DVM Internal Resistance
Message-ID: <1998Feb19.113117-0500@[130.113.234.7]>

In <199802190340.DAA06222@chuck.dallas.sgi.com>, Chuck Adams wrote:

>Here is what I get:

>

>Protek D-930A 9.756Meg ohm
>M1000B 0.993Meg ohm
>Micronta 22-191 9.925Meg ohm (made for Radio Shack)
>R/S 22-163 9.706Meg ohm
>Pocket-Pro DM-1 5.037Meg ohm (this one shows battery low
> so will be interesting to replace batteries and
> remeasure)

Chuck,

A good exercise. Did this with a flock of FLUKE
meters and got a surprise. The Fluke 85 (a really nice
little handheld in duckboot shell) gave 11MEG on its 2v

range, and 10MEG on all others. Here's the hard poop:

DC V Scale-	200mv	2v	20v
FLUKE 8000A	10.12M	10.01M	10.00M
FLUKE 8010A	10.10M	10.09M	10.12M
FLUKE 85	10.01M	11.10M	10.10M

I had scowled at the Handbook when I saw that their probe was designed for 11MEG meters...hadn't EVERYONE settled on exactly 10MEG input Z? Guess not. So check your meters on ALL the scales you plan to use.

Still, I'd say that the Handbook should switch to using a 3.9MEG r.m.s. conversion resistor rather than the 4.7MEG in their schematic. And drop the input capacitor to a few hundred picofarad too - we want an RF probe (not a AF probe).

Date: Thu, 19 Feb 1998 08:39:52 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <qrp-1@Lehigh.EDU>
Subject: [4295] 9M0C, offsets, fear of success (long and rambling)
Message-ID: <01bd3d55\$002bb1e0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was raining again this morning when the alarm clock went off. The prospect of facing another dark, dreary day kept me under the covers for another 15 minutes, but eventually I pulled myself out of bed and into the shower. It was still dark when I sat down to read the newspaper. I thought, "Dark, raining, nothing but bad news in the paper...think I'll go turn on the radio and listen a bit." So I went in and warmed up the rig. Everything was still tuned up from the previous foxhunt. I spun the dial down to 7.000 and started tuning up. "Lots of JAs," I mumbled to myself, realizing at the same time that the QRN was nonexistent. "Must be the rain on the power poles." Came upon a QSO nearing an end, with several rounds of 73s being exchanged. Both stations were perfect copy; one was in Japan, and the other in Korea. I put out a short call at 5 watts to the Korean, and he came back and gave me a 549 report. The QSO with Rim in Seoul was short, but cordial. He had a very nice fist. After we exchanged 73s and ditdits, I continued tuning, and came across a pileup at 7.027. This must be for 9M0C, I thought, and wondered how well he was coming in this morning. I tuned down below the pileup to find him, but couldn't hear a thing. Odd, I thought, I should be able to detect something, after all, Spratly with a

kW is much easier to hear than a cross-country fox at 1 w. I figured I better tune around the pileup again to get a better feel for it. I found a few stations calling, but none of them sounded like disciplined DXers, so I thought to myself, "9M0C must have QSYed, leaving a few stragglers behind." Sure enough, tuning back down the band, I encountered the pileup again, and exactly 1 kHz below the bottom of the pile was 9M0C, clear as the BBC. This is too easy, I thought. I listened for a bit and found the stations he was working. The pattern was clear and simple; he was tuning slowly through the pileup, working one at a time. All I would have to do was drop my call in 100 Hz above the last QSO. I already worked him earlier this week, but the temptation was too great, so I slipped in one call. Bamm! Got him. I returned his report and slipped "/QRP" after my call, and was surprised when he replied, "Nice job with QRP, name hr is Bill. tu" When was the last time you exchanged more than call signs with a high-profile DXpedition? Signing /QRP in a pileup is like bringing a baby to a Mary Kay convention.

You must try to work this station. They have good equipment and operators who can copy a whisper from a bumblebee. Also, since they often move above 7.025, you don't need an Extra class license to participate. Besides, it's good practice for the foxhunts! Let's keep our perspective -- it may be one of the rarer countries in DXCC, but it's no fox pelt.

You will need to work with transmit offset. RIT is usable, and Eric's suggestion of setting up your Sierra or other QRP rig to have an asymmetric RIT range is a good one. (I can't wait to try out a K2!)

So move down off of 7.040. Jump into the pileup. Let the big guns know that a QRP station beat them out in the pile. Don't let fear of success keep you away.

We're having fun now!

Mike K1MG

Date: Thu, 19 Feb 1998 09:44:40 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [4296] Palmtops - anyone use an Insta Tech PTV-30 ??
Message-ID: <34EC6177.EA05419E@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have any experience with a PTV-30 palmtop??

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Thu, 19 Feb 1998 09:07:26 -0800 (PST)
From: "S. Lee" <slee@u.washington.edu>
To: K0su@kktv.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4297] Re: Fiber Optics - QRP
Message-ID: <Pine.A41.3.95b.980219082822.6246B-100000@homer28.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try using the IR circuit from a surplus TV remote as the transmitter. Use heat shrink tubing to hold the optic fiber against the IR transmitting diode and do the same at the receiving end. Radio Shack sells an IR receiver module for about \$3.50 that will convert the modulated IR signal back into a +5V digital signal. I've been buying brand new surplus remotes manufactured for Carver Audio for \$1.49 at a place called Vetco Electronics, 13029 Northup Way, Bellevue, WA. ZIP: 98005, Phone: (425) 869-7025. The heat shrink tubing holds the optic fiber in the proper alignment, use multiple layers if need be. It also serves to block ambient light as well as man made light, both of which can contain interfering IR. A dab or two of hot melt glue will hold everything in place quite nicely. The max IR frequency is in the neighborhood of 40KHz so target your data rate near 20KHz max. Enjoy! de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

On 18 Feb 1998 K0su@kktv.com wrote:

> Hey gang. Do any of you QRPers know of any inexpensive (read cheap!)
> fiber optic transmitters and receivers out there. They can be surplus,
> Rick K0SU Colorado Springs, CO CQC #100 -- QRP-L #539
> www.qsl.net/k0su

Date: Thu, 19 Feb 1998 10:10:33 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: radman@best.com
Cc: qrp-l@Lehigh.EDU
Subject: [4298] Re: HW-7,8 & 9 Cross-Reference ?
Message-ID: <19980219.102222.12038.0.gsurrency@juno.com>

Try <http://www.nteinc.com>

The Heath 417-201 is a notoriously poor device. I have had to replace many of them in my old SB-104A. They are leaky, low beta, and noisy. The NTE suggested replacement is a NTE-159, which is an excellent device. However, its pinout is different. So you will have to bend the leads to fit the Heath part's outline.

If you have any old PC computer power supplies, some of them have a Motorola device in them labeled as LA733P. This transistor has been a good replacement for the Heath 417-201 part, and it has the correct lead orientation.

Of course, the venerable 2N3906 PNP device is also a possibility, but it too will have to have its leads shaped to fit the PCB outline in your Heathkit.

Hope this helps.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 19 Feb 98 12:38:28 PST
From: gregoire@endor.com
To: wyn@no-spam.worldnet.att.net, Low power amateur radio discussion <qrp-
l@Lehigh.EDU>
Subject: [4299] Re: Digi 'stuff'
Message-ID: <Chameleon.980219124006.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

<<gregoire@endor.com wrote:
>

>
> <<Anyway, I have a suggestion... maybe we should ask the ARRL to ask
> the FCC to specify that at least one subsection on one band be set
> aside as CW only. I would vote for something like 10.015 to 10.020
> (30 meters).>> >>

I did not write this. It was attributed to me in error.

de AA1IK, Time the accursed enemy of man,
Ernie Gregoire cursed youth for going to slow
 and by the old for going to fast.

R.R. 1, Box 221,
South Rd. Fists # 2644, ARCI # 9500
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/19/98 12:38:28

Date: Thu, 19 Feb 1998 12:36:00 -0500

From: "Karty, Steven" <kartys@ncs.gov>
To: qrp-1@Lehigh.EDU
Subject: [4300] Hamfest Announcement
Message-ID: <199802191740.MAA43438@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain

On Sunday, 22 February 1998, the Vienna Wireless Society will hold
it's annual ARRL-sanctioned WINTERFEST Hamfest at the Vienna
Community
Center on Park Street in Vienna, VA (in the Washington, D.C. area).

Frostbite tailgate opens at 6 AM on a first-come basis. Indoor
area
opens at 7:30 AM. Admission is \$5, tailgate space is \$10 including

admission. Some inside tables are also still available at \$20
each.

Talk-in is on 146.91(-) and 146.685(-). For more information,
contact

Jim WA4LTO at 703-392-0150 or Lynda KF4LGR at 703-757-7021. The
E-Mail address is k3mt@erols.com and the Internet website is
<http://www.erols.com/k3mt/vws>
VEC exams are the day before ONLY (on Saturday) at 9 AM.

73, Steven Karty - N5SK

Date: Thu, 19 Feb 1998 12:40:18 EST
From: KB9RPD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [4301] Re: Fiber Optics - QRP
Message-ID: <2a88d194.34ec6e85@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ok, now you REALLY have my interest. After installing two 6 pair fiber
bundles in our office between two floors and connecting my equipment up so
everyone can get to their file servers.... what is fiber QRP???

I gotta know more now! What are the uses of fiber in amateur radio?

A hint for ya'll. I picked up about 100 feet (total) of Belden category 5
data cable (plenum). If you need wire for projects, a good source of surplus
(and free) wire is any new offices that are being wired for voice or data

communications. Many wire comes on spools in quantities of hundreds of feet. The spools I picked up contained less than 100 feet. The wiring guys said that it is hard for them to use spools that contain less than 50 and 100 feet of cable. Unless they know they have a small job coming up, they don't keep it...they THROW IT OUT! I gasped at this and yanked two spools of wire and stuck them in the back of my wagon.

Also...heard a good joke on 2Meters last night. "Who will be the most active vulchers when the year 2000 hits? Hams...they'll be diggin out all the computer equipment thrown away to sell at the swap meets at ham fests!" ;) I kinda liked that one. I have a buddy who used to do omething similar to this all the time.

73, Ted - KB9RPD

Date: Thu, 19 Feb 1998 09:50:38 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [4302] Binocular toroids, CQC QSO party
Message-ID: <199802191750.JAA10338@heracles.llnl.gov>

Thanks for all the help figuring out what a binocular toroid transformer is. Its easy once you get it...

Also, I will likely be taking the NorCal 40A down to LA with me this weekend. I will be operating with W1HIJs Multi/Single effort in the ARRL DX test from a station with a real antenna (quite QRO). But the opportunity to try the NC40A on the yagi is too much to resist, so... look for K7GT/p in the CQC QSO party. I will be looking for new states towards 2X QRP WAS. Especially MT, WY, and almost everything east of the Rockies.

K7GT k7gt@qsl.net

Date: Thu, 19 Feb 1998 09:52:26 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <KB9RPD@aol.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [4303] Re: CW Advice Wanted
Message-ID: <01bd3d5f\$23bd2df0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ted --

To me, CW Nirvana is attained when you have two good operators, both running QSK, who are comfortable with conversational CW.

2 meter FM just doesn't have it. SSB gets close, but only CW can deliver pure conversational style.

On FM, the guy with the finger on the mike button gives his monologue. Then you wait for the squelch tail, then the repeater squelch tail, before you can reply with your monologue.

On SSB with VOX, you can cut back and forth quickly, but you often end up doubling because you can't hear while you are talking.

On CW with full QSK, you can both talk at the same time! A real conversation is a give and take -- both sides jumping in, interrupting, acknowledging each other, agreeing, disagreeing, nodding, ahmming. You can do the same with CW. Since the other op can hear you between his dits and dahs, you can answer questions, ask questions, agree, disagree, laugh, and otherwise converse without the rigid structure of trading monologues. What can be less conversational than waiting four minutes to laugh at someone's joke? Isn't it better to drop in a quick "hi hi" and let him continue?

"Age here is 74 es hv 4 grandchildren es r"

"how old?"

"74"

"no, hw old are ur grandkids?"

"4 5 7 es 9 es they"

"7? I hv a niece whos 7 es she is a great artist -- she dr"

"an artist? I take a painting class -- what kind of art does she like to do?"

"crayon hi hi"

"hi hi crayon can be fine art too"

....

I had to smile when copying the thread about CW prosigns and which to use when. I've been a ham for 32 years, and I've forgotten the proper use of most of them! I find that I get along just fine with: K, BK, tu, and dit dit. Maybe in a few years I'll work in "yo dude".

c yall in the pile dit dit (tm, by K5F0, used without permission)

Mike K1MG

>While practicing my copying, I've noticed something that is done in CW that is
>often done in voice. Ironically, this is something I have been taught,
"you
>really shouldn't do it, but a lot of people do..."

Date: Thu, 19 Feb 1998 10:02:39 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [4304] Binocular toroids, CQC QSO party
Message-ID: <199802191802.KAA10399@heracles.llnl.gov>

Thanks to all for elucidating binocular toroid transformers. Its easy once you see it...

Also, I will be operating in the CQC QSO party after the ARRL DX test. As I will be already at a station with a Yagi on 40m, the temptation was too great to not try it on the NorCal rig. So... look for K7GT/p from Dana Pt CA . I will be particularly looking for MT, WY, and almost all states east of the rockies toward 2X QRP WAS.

K7GT

Date: Thu, 19 Feb 1998 14:07:20 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "ba" <boatanchors@theporch.com>, "baswaplist" <baswaplist@foothill.net>, "qrp" <qrp-1@Lehigh.EDU>, "vss" <vss@m1ist.access.digex.net>
Subject: [4305] WTS(wap): summary of debris to swap, can meet at Dalton GA fest on 28th
Message-ID: <199802191755.MAA01493@atl.org>

It's been a while since swappin and wanted to mention the hamfest...

Wants:

Drake R7A, R7, or complete 7 station incl R7A or R7.

LF adapter for Racal RA17

LF adapter for HR0500

Homebrew RX from basket case through complete, tube/SS/hybrid.

Johnson Navigator (meter need not work)

Late model commercial HF RX with DSP IF (WJ, Harris, ???)

2 x 56K packet modems and some UHF transverters. 900MHz preferred.

Have:

Johnson Adventurer

Halli KW station: SX101A/HT32B/HT33/HT37(for phasing fans)
with original manuals.

National CRR rack mount scope

KWM2A RE B&W rejection tuning PM2

Silicon Graphics Indigo2 Extreme with 20" monitor.

HP selective level meter model 3586B

NEW 4KVA sine wave inverters. 120VAC(60Hz)34Amps continuous
output. Automatic changeover when power fails, 48VDC input. Two
of these will run my house!!! 97% efficiency! by Abacus Controls.

A bunch of additional debris to swap.

-bob
wb4mnf

Date: Thu, 19 Feb 1998 13:19:50 -0500
From: Dale Scott <dcscott@us.ibm.com>
To: <qrp-1@Lehigh.EDU>
Subject: [4306] Elmer101: DVM Internal Resistance
Message-ID: <5030100017664839000002L092*@MHS>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

I realize that this is probably a really stupid question but what the heck,
isn't that what Elmering is all about.

I've watched this tread about DVM resistance and noticed that most of the
responses have come from folks who own more than one meter. Why not simply
take the second meter and use it to measure the first one?

72 - dale/w7hlo

Dale C. Scott
IBM -- Engineering Technology Solutions
(206) 587-2784 8/277-2784

Internet: (work) dcscott@us.ibm.com
(home) dcscott@ibm.net
OV/VM: dcscott@ibmusm54
=

Date: Thu, 19 Feb 1998 10:24:45 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4307] Ron Smith in Idaho
Message-ID: <Pine.SUN.3.90.980219102330.22850A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Ron,

I need your help but can't find your e-mail. Please send
me e-mail asap. Thanks.

Thanks for the B/W, cul

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 19 Feb 1998 10:15:11 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4308] Re: 9M0C, offsets, fear of success (long and rambling)
Message-ID: <19980219181622.AAA11392@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ok, Ok, Ron and Mike have pretty convincing messages.
I'll get up tomorrow and go looking for 9M0....
Does anyone know when the DX-pedition is to end (i.e. have I slept in one morning too many, or will it be on during the ARRL DX test??)
73/72 de alan
Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Thu, 19 Feb 1998 13:36:12
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [4309] RE: RF Probe Questions -- Elmer101
Message-ID: <3.0.3.16.19980219133612.2bbf4e6e@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> In my tests however these numbers have been very different. In one case
> the RF Probe was .3 volts and the Scope was .7 (RMS)
>
> I'm pretty sure both the scope and my DVM are well calibrated, Am I
> missing something here ?
>

Your missing the diode drop, which will be on the order of 0.4 to 0.5 Volts for low currents. Add in the diode drop and your readings match!

Date: Thu, 19 Feb 1998 13:46:09

From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [4310] RF Probe construction
Message-ID: <3.0.3.16.19980219134609.2e0f0e16@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I built my RF probe into a 1/4" dia brass tube about 2" long. Soldered an RCA phono jack on one end for the meter wires to plug into. Made a barcket with 1/32" brass shim to mount the parts on and slides into the brass tube. Used one of those teflon feed-through post thingies on the end of the barcket for the input connections. A striaght pin is soldered to the teflon post so can really stick it to a circuit. Neat little probe.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 19 Feb 1998 18:36:36 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: dcscott@us.ibm.com
Cc: qrp-1@Lehigh.EDU
Subject: [4311] Re: Elmer101: DVM Internal Resistance
Message-ID: <199802191836.SAA08926@chuck.dallas.sgi.com>

Dale, :-)

Before I try this, do you or the group think that we'll get the same results?

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 18 Feb 1998 09:15:58 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <madams@facilities.buffalo.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4312] Re: 2M or 6M QRP, which one?
Message-ID: <199802191902.LAA22048@iceland.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Mark,

I work 2m ssb from Riverside Ca north into the bay area, and have a lot of fun with it. However not QRP. Can't seem to make it without at least 100 watts. I have heard stations do though, but not from my location.

I also work 6m both QRO es QRP. It doesn't seem to matter as much. When the band is open, it works well. There is increasing action on 6m here as openings are more frequent. Many more new people are turning to 6m due to the increasing solar activity.

I would not like to limit myself to just one of these great opportunities. Go for it and enjoy them all.

\$.02 de KE6VHM/AA Frank

Date: Thu, 19 Feb 1998 19:28:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4313] Build the Antennascope
Message-ID: <34EC87E6.3F3A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I built this thing many years ago, and used it recently to build my Folded Bazooka Antenna.

OK. I don't want to hear about "How inexpensive" this or that MFJ or whatever antenna analyzer is. I don't have the luxury of ANY spare cash. So I build everything unless I get a trade from someone.

You could build a Chopped and Amplified noisesource to drive an RF bridge, but that project is a bit more involved and you might not get to it.

Presented here is something you can build quickly and really is something you can build TODAY! And it works.

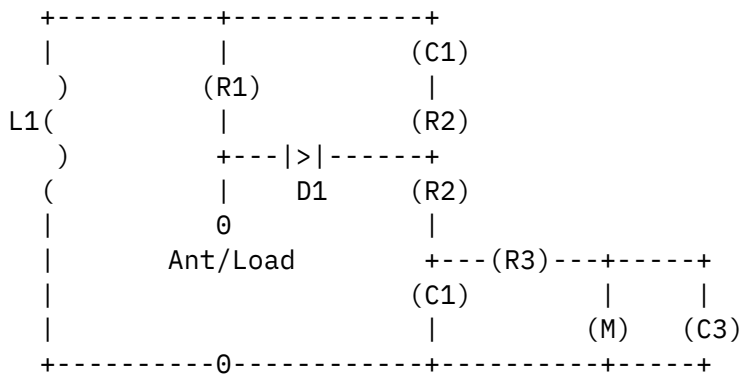
It is driven with a GDO or other signal source at the design frequency and the input is inductively coupled. Do not connect your signal source directly as that will load down the bridge -- destroying your measurements.

(First hand experience on that mistake :)

Basically, the GDO signal drives two legs of a bridge circuit. Any difference in the two legs is Detected by D1 which will charge through (M) and (C2) will hold that charge. Your goal is to set R1 to 50 or 72 Ohms (Ant. Impedance to cut your antenna to), and trim the antenna until (M) measures NO Current. I.E, balanced condition. The circuit works with both balanced and unbalanced antennas.

Here is my ASCII dwg, and you can get more information from "Radio Handbook" William I. Orr, W6SAI.

USE FIXED WIDTH FONT



L1: 4-7 turns input loop for injecting signal from GDO.

R1: 100 Ohm, non-inductive Potentiometer.

Ant/Load: Connect antenna or Resistive loads to calibrate.

C1: Two of these, 500 pF close tolerance Silver Mica capacitors.

R2: Two of these, 200 Ohm Close tolerance (Measure to match.)

D1: Germanium signal diode (1N34A)

R3: 1Kohm resistor

C3: .001 disc ceramic capacitor.

M : 0-200 microamp meter or Zero center.

Calibrate a scale for R1 using known resistive loads across the Ant/Load jacks.

Inject a signal by coupling to L1. Adjust signal input to get 3/4 scale reading on the meter with no load connected.

Connect 50 Ohm load at Ant/Load terminals and verify the bridge balances when R1 set to 50 Ohms.

Connect Antenna where 50 Ohm load was. Trim antenna to desired Impedance. NOTE: Connect directly to Antenna Input, not to your transmission line, unless your transmission line is absolutely KNOWN to be an electrical 1/2 wavelength long.

I hope this is a useful contribution.

-Ed Loranger, WE6W

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 19 Feb 1998 19:32:09 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4314] Re: Build the Antennascope
Message-ID: <34EC88B9.13DE@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

 \succ

```
> Basically, the GDO signal drives two legs of a bridge
> circuit. Any difference in the two legs is Detected
> by D1 which will charge through (M) and (C2) will
```

[illegible]

Sorry, there is no C2. Should be C3.

-Ed

— —

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 19 Feb 1998 12:48:27 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [4315] Re: Digi 'stuff'

Message-ID: <34EC2A1B.48000A7D@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I was looking for a past issue of QST where the League discussed asking the FCC for formalize the band plans, thus taking them out of the "voluntary" category. Just got my March 1998 issue, and see that Dave Sumner K1ZZ has made that the subject of his "It Seems to Us..." column on page 9.

Maybe we can all hold off on flogging this subject and see what happens?

--

72/73, de Roger, N7KT

Date: Thu, 19 Feb 1998 13:54:38 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-l@Lehigh.EDU>

Subject: [4316] fox hunting

Message-ID: <Pine.SOL.3.91.980219134115.11322C-100000@GPFN1.GPFN.SK.CA>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this...haven't been able to be here for all the fox hunts...if you're not here, then can't work 'em....

...ok....

....get up for work as usual at 6:00 a.m.....get ready and head out the door...

...slip on ice as I step on the driveway...right foot curls under in extreme position....something goes "pop"...I hit the driveway, not running...

....then the pain....lay there...hyperventilating starts....what to do?

...2 choices....crawl to car....turn 2 mtrs on and do phone patch to house and wake Bonnie up.....OR.....crawl across front porch, bang on window and wake Bonnie up....

.....crawl,pain,hypervent,crawl,pain,hypervent,yaddaa,yaddaa...BANG on window....our labrador appears at window....."Holly, go get mommy!" I shout....Holly takes off....Bonnie appears.....off to the hospital....2 fractures at ankle...am home now with cast from below the knee to the foot....can't go to work...can't go anywhere.....I CAN get into the ham shack...heh,heh,heh...."Where there's a will, there's a way!".....QRP IS!!!

72 - the Scribe

ps - yes, it's true.....time to chase 9M0C?

Date: Thu, 19 Feb 98 12:02:55 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-1@Lehigh.EDU (qrp)
Subject: [4317] Arctic Fox II final reminder
Message-ID: <9802192002.AA00737@wizard.ucs.sfu.ca>

Hi Everyone,

Sorry this is so late. My server just came back up after being down since yesterday.

See you all at 0100z around 7.041 plus or minus. Have your rit's ready ;-).

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

Date: Thu, 19 Feb 1998 14:54:14 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: n7kt@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4318] Re: Digi 'stuff'
Message-ID: <34ECB816.433BC868@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Hightower wrote:

> I was looking for a past issue of QST where the League discussed asking
> the FCC for formalize the band plans, thus taking them out of the
> "voluntary" category. Just got my March 1998 issue, and see that Dave
> Sumner K1ZZ has made that the subject of his "It Seems to Us..." column
> on page 9.
>

My \$.02 : I think formalizing the band plan is an ultra bad idea whosetime should not come. Amateur radio is an evolving thing and there

should always be room for experimentation and flow of interests.
Where would we be if long years ago we had been locked in on something that gradually lost favor? We would be without any bands to use, because uncle fcc would have taken back those frequencies we were not using! We need to learn to get along without such if there is any way it can be done.

With that \$.02 worth, you can get \$.01 of credit toward another opinion.

Lyn, W4WDN

Date: Thu, 19 Feb 1998 14:58:04 -0500
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [4319] Rejuvenating old lead acid & Nicads
Message-ID: <199802191459_MC2-33FC-8704@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi Gang,

A trick we sometimes use to get some extra life out of old/recycled cells=
,
both lead acid and Nicad, is to charge them on load.

I sometimes have to call on hilltop remote base stations for power fail problems. Once the cells are due for replacement, these are taken out of service and replaced with new ones.

We check the old cells back at the shop, and put them on charge at the recommended rate. If they won't take a charge, we load them up so that they are in a gain situation of about 10 p.c. of the normal charge rate and leave them. We use a chain of auto bulbs for the load. SOOOH! if the normal charge rate is 1 A, we load the batteries up with "900 mA" worth of auto bulbs, say 10 watts at 12 volts and let them cook away.

After about a couple of days to a week, you'll find which cells are going= to hold the charge, and which are truly gone past the use by. Why not charge them at 10 p.c.? well, it doesn't work! The continual load does he=

lp
in the rejuvenation process and gives more consistent results.

Regards

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK.
Home of the last HW9

G-QRP 1283 EA-QRP 88 ARRL and the likes

Area Chairman, British Caravanner's Club, Scotland.

Date: Thu, 19 Feb 1998 12:16:33 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: LYN WILLIAMS <designserv@ipass.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4320] Re: Digi 'stuff'
Message-ID: <Pine.SUN.3.90.980219121236.23362D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I agree with Lyn.

The worst thing that can EVER be done is to ask the govt
to step in and place more rules and regulations on things!

If we can't co-exist without more "help" from the FCC, we
don't deserve to be here!

After all, this is supposed to be a fun hobby! :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 19 Feb 1998 12:24:31 -0800

From: Vic Rosenthal <rakefet@rakefet.com>
To: ratttray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4321] Re: fox hunting
Message-ID: <34EC94FF.BFDfE158@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Rattray wrote:

>
> right foot curls under in
> extreme position....something goes "pop"

Whew. Good thing it wasn't your LEFT foot. At least you can still send CW (;-)
--
sorry, couldn't resist.

Vic K2VCO

Date: Thu, 19 Feb 1998 14:46:23 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4322] NW8040-Emtech version for sale
Message-ID: <003101bd3d77\$70dd5d40\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I was not going to sell this, but I didn't want to disappoint Doug H. after his last post :*)

for sale:

super-good Emtech version, including emtech case of NW80, 40 meter version. tunable from very low to well above 5 watts. Has RIT, Variable bandwidth filters and audio filter. Great QSK, really good receiver, plenty of audio.. works fantastically.. built and tuned extremely well.

\$115 shipped cont. US.

72
Jeff, AC4HF

PS probably need to buy all my rigs back now that it seems like I will never

really need the money for the SG-2020.. have come close to cancelling a number of times. Think I am more looking forward to the Elecraft.

=====

Jeff M. Gold, Ed.S.
Manager, Academic Computing Support
Tennessee Technological University

Date: Thu, 19 Feb 1998 12:57:25 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4323] Re: fox hunting
Message-ID: <Pine.SUN.3.90.980219125429.23527A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Feb 1998, Bruce Rattray wrote:

>off to the hospital....2 fractures at ankle...
>can't go to work...can't go anywhere.....I CAN
> get into the ham shack...heh,heh,heh...."Where
> there's a will, there's a way!".....QRP IS!!!

> ps - yes, it's true.....time to chase 9M0C?

Hey folks,

This is one deitcated QRPer... break 2 bones just to work a fox and chase DX!

And you thought you had to have a big Henery 2K to do things like that!

Go get em' Bruce!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 19 Feb 98 13:10:03 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: erics@elecraft.com
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [4324] Re: New Info.on EleCraft Web Page
Message-ID: <9802192110.AA03991@wizard.ucs.sfu.ca>

Hi Eric,

Some time ago I sent a message asking what protocol was going to be used in the computer interface. Has it been decided yet? If not, I hope the kenwood command set will be used. Software producers such as N6TR seem to prefer it.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

>
> Hi,
>
> Wayne and I have updated the information on our EleCraft web page,
> including a new news section and a new front panel layout.
>
> 73, Eric
>
>
>
>

Date: Thu, 19 Feb 1998 16:25:49 EST5EDT
From: "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
To: qrp-1@Lehigh.EDU
Subject: [4325] Band Plan
Message-ID: <4F6AD11110@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I agree with those who wrote in and said that we should not ask the fcc to come in and lay down a bunch of unenforcable rules. One thing that may be possible is this.

Many times the digital problem seems worse during contest times. Most of these contests are sponsored by the ARRL. Why could'nt the ARRL state in the contest rules that the certain

frequency ranges must be observed during contests for the contact to count? Could this work? I don't really know. I am not a contester, but it seems logical.

Chuck

Date: Thu, 19 Feb 1998 14:17:34 -0800
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [4326] Re: Band Plan
Message-ID: <34ECA7E.25B0AED2@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some observations:

I thought ARRL contests required observance of bandplans? RSGB ones do. Though that raises the thorny issue of whose bandplan you are following - which is the root of the whole problem in the first place.

FCC regulations would be pointless, because ours is an international hobby, propagation (if it's any good :-)) is worldwide, and FCC regulations do not constitute international law. How, for example, would you reconcile trans-Atlantic use of 40m?

My AMSAT dealings show this problem very clearly, because satellite transmissions can cover entire hemispheres, and the frequency assignments have to accomodate as many hams in as many countries as possible. Not just on a Region 1/2/3 basis, but also to allow for odd-but-important national setups (e.g. Japan).

...laura, whose operations are not in the slightest affected by FCC regulations

Date: Thu, 19 Feb 1998 14:26:33 -0700
From: kv7g@juno.com
To: designserv@ipass.net
Cc: qrp-l@Lehigh.EDU
Subject: [4327] Re: Digi 'stuff'

Message-ID: <19980219.144403.14198.1.kv7g@juno.com>

I agree with Lyn, The final decisions would be made by a person sitting behind a desk that did not know a radio from a hub cap, and he/her may decide that CW should not be allowed on ALL portions of ALL bands. They have a way of over-repairing things.

Bud - KV7G - Yuma, AZ

On Thu, 19 Feb 1998 14:54:14 -0800 LYN WILLIAMS <designserv@ipass.net> writes:

>
>
>Roger Hightower wrote:
>
>> I was looking for a past issue of QST where the League discussed
>asking
>> the FCC for formalize the band plans, thus taking them out of the
>> "voluntary" category. Just got my March 1998 issue, and see that
>Dave
>> Sumner K1ZZ has made that the subject of his "It Seems to Us..."
>column
>> on page 9.
>>
>
>My \$.02 : I think formalizing the band plan is an ultra bad idea
>whosetime
>should not come. Amateur radio is an evolving thing and there
>should always be room for experimentation and flow of interests.
>Where would we be if long years ago we had been locked in on
>something that gradually lost favor? We would be without any bands
>to use, because uncle fcc would have taken back those frequencies
>we were not using! We need to learn to get along without such if
>there
>is any way it can be done.
>
>With that \$.02 worth, you can get \$.01 of credit toward another
>opinion.
>
>Lyn, W4WDN
>
>
>

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Date: Thu, 19 Feb 1998 15:39:14 -0600
From: Bill Schiller <schiller@cherokee.nsuok.edu>
To: qrp-1@Lehigh.EDU
Subject: [4328] [Fwd: J44 Key]
Message-ID: <34ECA682.E680D05F@cherokee.nsuok.edu>
Mime-Version: 1.0
Content-Type: multipart/mixed; boundary="-----FCF23CA31EE4742833CEE0DD"

This is a multi-part message in MIME format.

-----FCF23CA31EE4742833CEE0DD
Content-Type: text/plain; charset=us-ascii
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----FCF23CA31EE4742833CEE0DD
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <34EC8F30.1CB859A8@cherokee.nsuok.edu>
Date: Thu, 19 Feb 1998 13:59:44 -0600
From: Bill Schiller <schiller@cherokee.nsuok.edu>
Reply-To: schiller@cherokee.nsuok.edu
Organization: NSU
X-Mailer: Mozilla 4.01 [en] (Win95; I)
MIME-Version: 1.0
To: qrp-1@lehigh.edu
Subject: J44 Key
X-Priority: 3 (Normal)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a straight key, that was given to me in 1959 when I first got my novice license. I still use it occasionally today. It is labeled J-44. It sits on a black plastic base and has a slide switch on it that has a "phone" and a "cw" position. It is not fancy but has a good feel and is fairly sensitive. I have never seen this key mentioned in articles, books on the subject, or on the net. Does anyone know anything about this key????? It doesn't seem like a rare or expensive key, I'm just curious about its history. I'd appreciate any information that anyone might have

about it.
TNX,
Bill KJ5CI

-----FCF23CA31EE4742833CEE0DD--

Date: Thu, 19 Feb 1998 13:58:41 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [4329] PCs & QRP RIGS
Message-ID: <34ECAB10.D00FA580@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

A while back I downloaded a software package that uses my computer's sound blaster card as a DSP filter. It works wonders with my simple, homebrew QRP rigs. I also noticed that some of my homebrew rigs have PICs in them. I have a PIC controlled digital dial and a PIC generated keying system. So, where am I going with this? I would love to see a QRP rig designed to fit into an empty expansion slot of my Pentium computer. The PC could provide the frequency synthesis, filtering, T/R control, memories, display etc. There are already one or two commercial manufacturers who are doing just that with QRO gear. Wouldn't it be fun to have a \$200 QRP transceiver sandwiched between the FDD and CD-ROM?

--

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Thu, 19 Feb 1998 15:52:10 +0000

From: Roger Hightower <n7kt@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [4330] Re: Band Plans
Message-ID: <34EC552A.B83CCC63@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! I didn't expect to get so many flames on this. I was just trying to point out that there is a problem, that it is recognized, and that there is an article you should read in the current QST. I'm not taking a position for or against, just passing on info.

Sumner isn't taking a real position either. He does point out that band planning has to be an international process. Please read it before commenting, and you might learn something about the process.

--

72/73, de Roger, N7KT

Date: Thu, 19 Feb 1998 14:51:54 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <kd7s@psnw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4331] Re: PCs & QRP RIGS
Message-ID: <01bd3d88\$f92351d0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fascinating idea, Bill. How about a PCMCIA QRP transceiver? Just plug the band you want into your laptop, and work the contests! Hmmm. I think I know how to do this, too.

Mike K1MG

I would love to see a
>QRP rig designed to fit into an empty expansion slot of my Pentium
>computer
>Bill Jones - KD7S <><
>

[illegible]

2 watts out and the first cq I answered came back with a 589.
I'm sure all of you understand the good feelings I am having right now
with
a successful project. To me, that is what ham radio is all about.
 tk5 dave ab5pc fresno, ca.

Date: Thu, 19 Feb 1998 15:37:35 PST

From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [4334] Re: Band Plans
Message-ID: <19980219233736.14223.qmail@hotmail.com>
Content-Type: text/plain

The best way to have the use of the qrp frequencies is to educate other ops about them. Just don't be rude in the process. You never know, that op could become a qrper if treated with respect. A lot of hams just do not know of the gentlemens(and ladies) agreement setting aside these frequencies. A few years ago, the ARRL considerate operators guide did not even list QRP frequencies. It took a letter to the editor, not a flame to get them listed. Just my \$0.02 worth. Can't buy much with it.

72/73

Ray Lowe
WD5DHK
Lancaster, Tx (near Dallas)

<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

End of QRP-L Digest 1006

